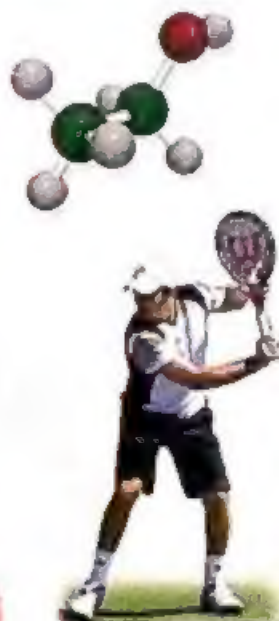


# COMPREHENSIVE GENERAL KNOWLEDGE

Ch. Ahmad Najib

MCQs



new office building  
8,848.86 m



CARAVAN  
BOOK HOUSE



September 2021

*Caravan's*  
COMPREHENSIVE BOOK OF  
**GENERAL  
KNOWLEDGE  
MCQs**

By  
**CH. AHMAD NAJIB**

**CARAVAN BOOK HOUSE**

Kacheri Road New Anarkali, Lahore. Phones 042 37122956 ~ 37212091, Whatsapp 0324-4886849  
email: caravanbookslhr@gmail.com, www.caravanbookhouse.com.pk



**Title:** Caravan's Comprehensive Book of  
GENERAL KNOWLEDGE MCQs

**Compiler:** Ch. Ahmad Najib

**Published by:** Ch. Ahmad Najib

**Printed by:** Caravan Press  
Darbar Market, Lahore.

**Composed by:** Laser Art Computer Graphics

**Edition:** September 2021

**Price:** Rs. 1200/-

**Disclaimer.** Due care and diligence has been taken in compilation and printing of this book, which is being published and sold without any legal and other liability or responsibility on the part of author / publishers / composer / printers for any mistake, misdescription or omission etc.

**All rights reserved under the Copyright Act.** No part of this book may be reproduced in any form or by any means, electronic or mechanical, including photocopying, without permission in writing from the author and the publisher. All inquiries should be addressed to the publisher.



## PREFACE

General Knowledge forms an important portion of almost all Competitive Examinations. Therefore it is important to master general knowledge to attempt the examinations so that you get the career of your choice. *Caravan's Comprehensive General Knowledge* has been especially designed to cover this paper for various such examinations.

The material for this book has been collected after going through different examination papers. The book has been modeled so as to equip, as best as possible, the candidates with the basic general awareness required for their success in these examinations.

I hope that the book will serve the need of the various competitive examinations.

Ch. Ahmed Najib



# SCAVEN

DEDICATED  
TO  
MY PARENTS



# CONTENTS

● GENERAL GEOGRAPHY	1
■ Area and Population of Continents, Highest and Lowest (continental altitudes), Oceans, Seas, Important Islands, Principal Mountain Peaks, Important Natural Lakes, important Shipping Canals, Tropical Deserts, important Rivers, Major Crops, Important Minerals and Principal Producing Countries, Major Industries	
● RIVERS OF THE WORLD	25
● OCEANS AND SEAS	27
● CANALS, BARRAGES AND DAMS	29
● MOUNTAINS AND PLATEAUS	30
● LAKES AND WATER FALLS	32
● GULFS AND BAYS	34
● VOLCANOES AND EARTHQUAKES	35
● DESERTS AND PLAINS	36
● PASSES AND GLACIERS	37
● STRAITS	38
● ISLANDS AND PENINSULAS	39
● SEA PORTS	41
● UNIVERSE	45
● WORLD CHRONOLOGY	53
● NATIONAL AND INTERNATIONAL ISSUES	65
■ KYOTO PROTOCOL & CLIMATE CHANGE	65
■ WATER DISPUTE	66
■ SIR CREEK ISSUE	67
■ SIACHEN ISSUE	68
■ KASHMIR ISSUE	69
■ IRAN NUCLEAR ISSUE	70
■ AFGHANISTAN ISSUE	71
■ PALESTINE ISSUE	73
■ KURDISTAN ISSUE	75
■ CYPRUS ISSUE	76
■ CHECHENIA ISSUE	77
■ LEBANON ISSUE	78
■ MISCELLANEOUS WORLD DISPUTES	79
● COUNTRIES	81
■ CONTINENTS	81
□ AFRICA	81
□ ASIA	83
□ EUROPE	84
□ NORTH AMERICA	86
□ SOUTH AMERICA	87
□ OCEANIA	87
● LAND LOCKED COUNTRIES OF THE WORLD	89
● DISTINCTIVE NAMES OF COUNTRIES / CITIES	101
● OLD AND NEW NAMES	106
● IMPORTANT CITIES OF THE WORLD	108
● EXPLORATIONS AND DISCOVERIES	111
● RELIGIONS OF THE WORLD	113
● EMPIRES & DYNASTIES	115
● BATTLES	118
● WORLD FAMOUS LINES	122



● PARLIAMENTS	123
● AIRLINES	128
● NEWS AGENCIES	128
● WORLD SECRET AGENCIES	131
● AIRPORTS	134
● ANNUAL DAYS / WEEKS	138
● IMPORTANT BOOKS	139
● NOBEL PRIZES	152
● HIGHEST MILITARY AWARDS	157
● OSCAR AWARDS	159
● WORLD RECORDS	180
● GENERAL INFORMATIONS	175
● PERSONALITIES	215
● POLITICAL, CONSTITUTIONAL AND DIPLOMATIC TERMS	231
● FOREIGN PHRASES	234
● SAYING	237
● NUCLEAR AGE	239
● UNO AND OTHER INTERNATIONAL ORGANIZATIONS	241
■ UNITED NATIONS	241
□ ROSTER OF THE UNITED NATIONS	241
□ DIFFERENT UN AGENCIES	242
□ SECRETARIES-GENERAL OF THE UNITED NATIONS	243
□ IMF	246
□ WORLD BANK	250
□ FAO	250
□ ILO	251
□ UNESCO	251
□ WORLD HEALTH ORGANIZATION (WHO)	251
■ OTHER ORGANIZATIONS	252
□ COMMONWEALTH OF NATIONS	252
□ EUROPEAN UNION	253
□ NAM	254
□ SAARC	255
□ ASEAN	257
□ ECO	257
□ SHANGHAI COOPERATION ORGANIZATION (SCO)	258
□ OPEC	258
□ COLOMBO PLAN	259
□ OIC	259
□ AMNESTY INTERNATIONAL	260
□ G-8	260
□ ARAB LEAGUE	261
□ G-77	261
□ WTO	262
□ NATO	262
□ CENTO	263
□ SEATO	263
□ RED CROSS	264
□ INTERPOL	264
□ NPT	264
□ AU	264
□ OAS	265

( vi )



□ OECD	265
□ SCOUTS	265
□ G-15	265
□ D-8	265
□ G-20	266
□ Misc	266
● ABBREVIATIONS, ACRONYMS AND TERMS	288
● ECONOMICS	288
● IMPORTANT TREATIES	302
■ IMPORTANT INTERNATIONAL AWARDS	252
■ WONDERS OF THE WORLD	304
● SPORTS	3
● EVERYDAY SCIENCE	322
● GENERAL BIOLOGY	343
● VITAMINS	352
● DISEASES	355
● PHYSICS	361
● CHEMISTRY	373
● DISCOVERIES & INVENTIONS	379
● DIFFERENT SCIENCES	387
● SCIENTIFIC INSTRUMENTS / MEASUREMENT SYSTEMS	389
● WEIGHTS AND MEASURES	391
● COMPUTER	394
● MENTAL APTITUDE TESTS	401
■ I.Q. TEST	401
■ SERIES	403
■ BASIC ARITHMATICS	404
■ BASIC ALGEBRA	407
■ AREA FORMULA	409
● ISLAMIYAT	410
● PAKISTAN STUDIES	433
■ HISTORY OF SUB-CONTINENT / FREEDOM STRUGGLE & IMPORTANT EVENTS FROM 712 TO DATE	433
■ REFORMS / ACTS DURING BRITISH PERIOD	444
■ HEADS OF GOVERNMENT SINCE 1947	444
■ ARMY	446
■ CHIEF JUSTICES	446
SPEAKERS OF PAKISTAN	447
DEPUTY SPEAKERS / DEPUTY PRESIDENTS OF THE NATIONAL ASSEMBLY	447
CHAIRMAN SENATE	447
SEATS OF ASSEMBLIES	448
■ CONSTITUTIONAL AMENDMENTS MADE SINCE 1973	448
■ PACTS, TREATIES AND ALLIANCES	449
■ COMPARATIVE RANKS IN PAKISTAN ARMY, PAKISTAN AIR FORCE AND PAKISTAN NAVY	449
● HISTORY OF PAKISTAN	450
■ INDUS-VALLEY CIVILIZATION	450
■ THE COMING OF ARABS & TURKS / THE DELHI SULTANATE	450
■ THE MUGHAL EMPIRES	454
■ ADVENT OF EUROPEAN INFLUENCE / MOVEMENT FOR INDEPENDENCE	456
■ CONSTITUTIONAL DEVELOPMENT OF PAKISTAN, 1947 ONWARD	475
■ CONSTITUTIONAL AMENDMENTS	478



■ 21ST CONSTITUTIONAL AMENDMENT	481
■ LEGAL FRAMEWORK ORDER	482
■ MUSHARRAF'S ERA	483
■ LOCAL GOVERNMENTS	483
■ YOUSAF RAZA GILANI'S ERA	485
■ RAJA PERVAIZ ASHRAF'S ERA	486
■ NAWAZ SHARIF ERA	486
● GEOGRAPHY OF PAKISTAN	490
● BASIC FACTS ABOUT PAKISTAN	490
● PHYSIOGRAPHY	498
● CLIMATE	499
● PLAINS AND SOIL	500
● MOUNTAINS / RANGES	501
● PASSES	503
● DESERTS	504
● GLACIERS	505
● LAKES	505
● RIVERS	506
● DISTRICTS	508
● GILGIT-BALTIKISTAN	509
● MINERALS	510
● WATER / POWER RESOURCES	513
● ENERGY AND POWER	517
● NUCLEAR POWER	517
● AGRICULTURE	518
● INDUSTRIAL DEVELOPMENT	519
● POPULATION	520
● TRANSPORTATION	521
● TECHNOLOGICAL ADVANCEMENT	523
● SURFACE TO SURFACE MISSILES	524
● HISTORICAL PLACES OF PAKISTAN	525
● FIRST IN PAKISTAN	528
● COLDEST, HIGHEST, LOWEST, BIGGEST & SMALLEST	534
● ECONOMIC SURVEY OF PAKISTAN 2020-21	536
● BUDGET 2021-22	538
● ELECTIONS 2018	543
● WHO IS WHO?	544
● CURRENT AFFAIRS	546
● COVID - 19	581
● PSL 2020	581
● IMPORTANT QUESTIONS ASKED IN PREVIOUS PAPERS	583
● PREVIOUS SOLVED PAPERS OF PPSC AND FPSC	647



## GENERAL GEOGRAPHY

### AREA AND POPULATION OF CONTINENTS

Continent	Area (km <sup>2</sup> )	Percent of Total Landmass	Approx. Population 2012 (Billions)	Percent of Total Population	Density People per km <sup>2</sup>
Asia	43,820,000	29.5%	4.216	60	95.21
Africa	30,370,000	20.4%	1.072	15.29	35.29
North America	24,490,000	16.5%	540	7.79	22.29
South America	17,840,000	12.0%	390	5.65	22.19
Antarctica	13,720,000	9.2%	0.000	0.00007	0.00003
Europe	10,180,000	6.8%	740	10.56	72.99
Australia	9,008,900	5.9%	22	0.32	4.1

The total land area of all continents is 148,647,000 square kilometres (57,393,000 sq mi) or 29.1% of earth's surface (510,065,600 square kilometres/196,937,400 square miles)

### HIGHEST AND LOWEST (CONTINENTAL ALTITUDES)

Continent	Highest point	Feet Elevation	Lowest point	Feet Below Sea Level
Asia	Mount Everest (Nepal-Tibet)	29,029	Dead Sea (Israel-Jordan)	-1,384.5
South America	Aconcagua (Argentina)	22,830	Laguna del Carbon (Argentina)	-344.5
North America	Mount McKinley (United States)	20,335	Trough beneath Jakobshavn Isora (Greenland)	-4,960.6
Africa	Mount Kilimanjaro (Tanzania)	19,341	Lake Assal (Djibouti)	-508.5
Europe	Mount Elbrus (Russia)	18,481	Caspian Sea (Azerbaijan, Kazakhstan, Russia, Iran, Turkmenistan)	-91.9
Antarctica	Vinson Massif (Antarctica)	16,050	Bentley Subglacial Trench (Antarctica)	-8,333.3
Australia	Puncak Jaya (Papua - Indonesia)	16,024	Lake Eyre (South Australia)	-49.2

### OCEANS

Name	Area (sq. km)	Sea Area (%)	Average Depth (m)	Greatest Depth (m)
Pacific	155,557,000	46.40	4,280	Mariana Trench, 10,900
Atlantic	76,162,000	22.90	3,926	Puerto Rico Trench, 9,219
Indian	68,556,000	20.45	3,903	Java Trench, 8,047
Southern	20,327,000	6.00	3,456	South Sandwich Trench, 7,236
Arctic	14,056,000	4.10	1,205	Arctic Basin, 5,441

### SEAS

Name	Area (sq km)	Average Depth (m)
South China Sea	2,974,000	5,614
Caribbean Sea	2,753,170	7,492
Mediterranean Sea	2,503,900	4,846
Bering Sea	2,268,200	5,121
Sea of Okhotsk	1,527,000	3,475
East China Sea	1,249,000	2,959
Sea of Japan	1,007,700	3,743
Andaman Sea	7,97,000	895
North Sea	5,76,000	691
Black Sea	4,62,000	2,243
Red Sea	4,37,000	2,246
Baltic Sea	4,22,000	439



## IMPORTANT ISLANDS

Name	Location	Area sq. km.
Greenland	North Atlantic Ocean	2,133,000
Madagascar	Indian Ocean	592,000
Sumatra	West of Java, Indonesia	81,000
Malaysia (Borneo)	South East Asia	743,000
Java	South East Asia	139,000
Sumatra	South East Asia	476,000
Philippines	South East Asia	344,000
Japan	North Pacific Ocean	377,000
Great Britain	North Atlantic Ocean	244,000

## PRINCIPAL MOUNTAIN PEAKS

Sr. No.	Name	Country	Range	Height - m.	Year of First Ascent
1	Mount Everest	Nepal	Himalayas	8,848	1953
2	K2	Pakistan	Himalayas	8,611	1955
3	Mount Kangchenjunga	Nepal	Himalayas	8,586	1955
4	Mount Lhotse	Nepal	Himalayas	8,516	1955
5	Mount Makalu	Nepal	Himalayas	8,481	1955
6	Mount Annapurna	Nepal	Himalayas	8,091	1950
7	Mount Dhaulagiri	Nepal	Himalayas	8,168	1960
8	Mount Shivalika	Nepal	Himalayas	7,926	1961
9	Mount Patthar	Nepal	Himalayas	7,926	1961
10	Mount Everest	Nepal	Himalayas	8,848	1953
11	Mount Everest	Nepal	Himalayas	8,848	1953
12	Mount Everest	Nepal	Himalayas	8,848	1953
13	Mount Everest	Nepal	Himalayas	8,848	1953
14	Mount Everest	Nepal	Himalayas	8,848	1953
15	Mount Everest	Nepal	Himalayas	8,848	1953

## IMPORTANT NATURAL LAKES

Name	Location	Area in sq. km.	Length in km.	Water
Dead Sea	Between Jordan and Israel	1,017	25	Salt
Superior Lake	USA and Canada	82,414	618	Fresh
Victoria Lake	Kenya and Uganda	69,485	72	Fresh
Arals Sea	Between USSR and Kazakhstan	66,457	420	Salt
Urmia	Iran	4,750	537	Fresh
Yamalo	USSR	3,017	630	Fresh
Uba	Iran	1,500	630	Fresh
Uba	Iran	3,000	175	Fresh

## IMPORTANT SHIPPING CANALS

Name	Location	Length in km.
Suez Canal	Egypt	193
St. Lawrence	Canada	145
Volga-Don	Russia	120
Kiel	Germany	60
V. de France	France	60
Elbe	Germany	60
Padana	Italy	60
Maneuver	England	60
Wend	Canada	60



## THOPICAL DESERTS

Name of Country	Country	Area (sq. km)
Algeria	Algeria	2,381,471
Angola	Angola	1,246,700
Argentina	Argentina	2,780,000
Armenia	Armenia	29,743
Australia	Australia	7,741,220
Austria	Austria	83,858
Azerbaijan	Azerbaijan	86,600
Bahrain	Bahrain	580
Bangladesh	Bangladesh	147,570
Barbados	Barbados	430
Belarus	Belarus	207,600
Belgium	Belgium	30,528
Belize	Belize	22,967
Benin	Benin	112,622
Bhutan	Bhutan	38,394
Bolivia	Bolivia	1,098,581
Bosnia and Herzegovina	Bosnia and Herzegovina	51,129
Brazil	Brazil	8,511,965
Bulgaria	Bulgaria	110,910
Burkina Faso	Burkina Faso	274,000
Burundi	Burundi	27,834
Cambodia	Cambodia	181,035
Cameroon	Cameroon	475,339
Canada	Canada	9,984,670
Cape Verde	Cape Verde	4,033
Casakhstan	Casakhstan	3,831,913
Catal	Catal	1,213,800
Cayman Islands	Cayman Islands	264
Czechia	Czechia	78,867
Dominica	Dominica	751
Dominican Republic	Dominican Republic	76,961
DRC	DRC	2,344,858
Ecuador	Ecuador	283,560
Egypt	Egypt	1,001,450
El Salvador	El Salvador	21,546
Equatorial Guinea	Equatorial Guinea	28,051
Eritrea	Eritrea	122,340
Estonia	Estonia	45,248
Ethiopia	Ethiopia	1,104,308
Fiji	Fiji	183,349
Finland	Finland	143,300
France	France	643,801
Gabon	Gabon	267,668
Gambia	Gambia	11,295
Georgia	Georgia	69,700
Germany	Germany	357,021
Ghana	Ghana	238,533
Greece	Greece	131,957
Greenland	Greenland	2,166,086
Grenada	Grenada	344
Guatemala	Guatemala	108,886
Guinea	Guinea	245,868
Guinea-Bissau	Guinea-Bissau	11,245
Guyana	Guyana	214,969
Haiti	Haiti	77,816
Honduras	Honduras	112,492
Hungary	Hungary	93,028
Iceland	Iceland	101,824
India	India	3,287,263
Indonesia	Indonesia	1,919,440
Iran	Iran	1,648,195
Iraq	Iraq	438,317
Ireland	Ireland	70,273
Israel	Israel	20,346
Italy	Italy	301,330
Jamaica	Jamaica	10,991
Japan	Japan	377,915
Jordan	Jordan	89,300
Kazakhstan	Kazakhstan	3,831,913
Kenya	Kenya	224,961
Kiribati	Kiribati	811
Korea	Korea	100,339
Kosovo	Kosovo	10,908
Kuwait	Kuwait	17,818
Kyrgyzstan	Kyrgyzstan	199,500
Laos	Laos	236,800
Latvia	Latvia	64,589
Lebanon	Lebanon	10,452
Lesotho	Lesotho	30,355
Liberia	Liberia	111,369
Libya	Libya	1,759,540
Liechtenstein	Liechtenstein	160
Lithuania	Lithuania	65,301
Luxembourg	Luxembourg	2,586
Macao	Macao	294
Macedonia	Macedonia	25,713
Madagascar	Madagascar	592,244
Malawi	Malawi	118,484
Malaysia	Malaysia	330,848
Maldives	Maldives	298
Mali	Mali	1,246,700
Malta	Malta	316
Marshall Islands	Marshall Islands	181
Martinique	Martinique	376
Mauritania	Mauritania	1,030,700
Mauritius	Mauritius	2,040
Mexico	Mexico	1,972,550
Moldova	Moldova	33,846
Monaco	Monaco	2
Mongolia	Mongolia	1,564,116
Montenegro	Montenegro	13,811
Morocco	Morocco	446,560
Mozambique	Mozambique	300,390
Myanmar	Myanmar	676,577
Namibia	Namibia	825,214
Nauru	Nauru	21
Nepal	Nepal	147,181
Netherlands	Netherlands	41,526
New Caledonia	New Caledonia	18,619
New Zealand	New Zealand	268,021
Nicaragua	Nicaragua	130,370
Niger	Niger	1,267,000
Nigeria	Nigeria	923,768
North Macedonia	North Macedonia	25,713
North Korea	North Korea	120,540
Norway	Norway	385,203
Oman	Oman	121,396
Pakistan	Pakistan	796,095
Palestine	Palestine	5,860
Panama	Panama	75,517
Papua New Guinea	Papua New Guinea	462,840
Paraguay	Paraguay	406,752
Peru	Peru	1,285,178
Philippines	Philippines	340,000
Pitcairn Islands	Pitcairn Islands	47
Poland	Poland	312,685
Portugal	Portugal	92,090
Romania	Romania	238,391
Russia	Russia	17,095,200
Rwanda	Rwanda	26,338
Saudi Arabia	Saudi Arabia	2,149,690
Senegal	Senegal	76,961
Serbia	Serbia	77,614
Seychelles	Seychelles	455
Sierra Leone	Sierra Leone	71,740
Singapore	Singapore	710
Slovakia	Slovakia	48,846
Slovenia	Slovenia	20,273
South Africa	South Africa	1,219,085
South Korea	South Korea	100,339
South Sudan	South Sudan	619,745
Spain	Spain	505,992
Sri Lanka	Sri Lanka	65,610
Sudan	Sudan	1,861,484
Suriname	Suriname	163,820
Swaziland	Swaziland	17,363
Sweden	Sweden	450,295
Switzerland	Switzerland	41,284
Taiwan	Taiwan	36,192
Tajikistan	Tajikistan	141,390
Tanzania	Tanzania	945,087
Togo	Togo	56,878
Tonga	Tonga	300
Turkey	Turkey	783,562
Turkmenistan	Turkmenistan	140,450
Tuvalu	Tuvalu	260
Uganda	Uganda	241,040
Ukraine	Ukraine	603,500
United Arab Emirates	United Arab Emirates	83,610
United Kingdom	United Kingdom	244,818
United States	United States	9,833,517
Uruguay	Uruguay	176,215
Uzbekistan	Uzbekistan	447,400
Venezuela	Venezuela	916,445
Vietnam	Vietnam	331,212
Yemen	Yemen	527,970
Zambia	Zambia	376,967
Zimbabwe	Zimbabwe	390,757

### IMPORTANT RIVERS

[illegible]

## MAJOR CROPS

Crop	Type of soil	Typical climate	Main producing countries
Wheat	Clayey, loam	Continental, cold & moderate temperatures, but the temperate season is dry and	USA, Canada also Argentina, France, Germany, and Australia, Russia
Rice	Rich, muddy and saturated with	Hot and wet climate	China, India, Pakistan, Japan, Myanmar, Vietnam, South Korea, Laos, Philippines and Sri Lanka
Sugarcane	Clayey, loamy, well drained, saturated and	Hot and dry season	India, China, USA, Mexico, Pakistan, Philippines and Sri Lanka
Tea	Deep, well drained & acidic	Warm, moderate to hot, dry & good, breezy	China, India, Sri Lanka, Pakistan, Turkey, Brazil, Egypt, Mexico, Southern Madagascar, Ceylon and Ceylonese
Flax	Moist, rich, well and well-drained	Hot and moist	USA, China, Belgium, Russia, Japan, Canada, Italy, Netherlands, Argentina, Greece, Brazil, India & North Korea, Japan, Madagascar & Somalia and Nepal



### IMPORTANT MINERALS AND PRINCIPAL PRODUCING COUNTRIES

[illegible]

## MAJOR INDUSTRIES

**MAJOR INDUSTRIES**

Industry	Major Exporting Countries
Textiles	UK, USA, Russia, Japan, Germany, UK, Pakistan and India
Foodstuffs	Japan, Russia, UK, Pakistan, Canada, Egypt, France and Italy
Metals	USA, Russia, Japan, India, France, Poland, Belgium, Spain, Republic of Korea, Sweden, Norway
Chemicals	USA, Russia, Japan, Canada, Australia and India
Transport	USA, Russia, Japan, Germany, Sweden, Norway, Finland, France and India
Minerals	China, Malaysia, Thailand, China, Vietnam, Korea, Nigeria, Congo and more than 100

### MCQs

- One hour difference in time between  
14. The time is equivalent to a difference of
- a) 1 degree  
b) 15 minutes  
c) 1 degree  
d) 15 minutes
15. The local time at a place is 3 a.m. when the GMT is 3 a.m. The longitude of that place is
- a) 45 degrees east  
b) 45 degrees west  
c) 120 degrees east  
d) 120 degrees west
16. Up to about 50 km from the surface of earth, the atmosphere consists of approximately
- a) 78% oxygen and 21% nitrogen  
b) 78% oxygen and 21% nitrogen  
c) 78% oxygen and 21% nitrogen  
d) 78% oxygen and 21% nitrogen
17. Name the instrument used for measuring humidity
- a) Barometer  
b) Thermometer  
c) Hygrometer  
d) Psychrometer
18. Most of the weather phenomena take place in which of the following layers of the atmosphere?
- a) Stratosphere  
b) Mesosphere  
c) Ionosphere  
d) Troposphere
19. That the earth is rotating on its axis is established by the fact that
- a) The moon and stars move in the sky  
b) The earth experiences day and night  
c) The secondary winds are blowing  
d) The time in different parts of the earth is not the same



16. The tropical rain forest is the largest when it comes to area.
17. The amount of water vapor in the air is called humidity.
18. Trade winds of the northern hemisphere blow from the northeast to the southwest.
19. The equator is the line that divides the Earth into the northern and southern hemispheres.
20. The depletion of ozone has been caused mainly by the release of chlorofluorocarbons into the atmosphere.
21. Which layer of the atmosphere provides ideal conditions for flying airplanes?
22. Through which one of the following countries does the equator not pass?
23. A line on a map, joining places of equal monthly or yearly rainfall is called a isohet.
24. The Earth revolves around the Sun in an elliptical orbit. Its speed is greatest when it is farthest from the Sun.
25. The equator is the line that divides the Earth into the northern and southern hemispheres.
26. The second largest continent in terms of area is Asia.
27. The equator was discovered by Erasmus.
28. The days on which day and night are equal are 21st March and 23rd September.
29. The equator is the line that divides the Earth into the northern and southern hemispheres.
30. The equator is the line that divides the Earth into the northern and southern hemispheres.
31. The equator is the line that divides the Earth into the northern and southern hemispheres.
32. The equator is the line that divides the Earth into the northern and southern hemispheres.
33. The equator is the line that divides the Earth into the northern and southern hemispheres.
34. The equator is the line that divides the Earth into the northern and southern hemispheres.
35. The equator is the line that divides the Earth into the northern and southern hemispheres.
36. The equator is the line that divides the Earth into the northern and southern hemispheres.
37. The equator is the line that divides the Earth into the northern and southern hemispheres.
38. The equator is the line that divides the Earth into the northern and southern hemispheres.
39. The equator is the line that divides the Earth into the northern and southern hemispheres.
40. The equator is the line that divides the Earth into the northern and southern hemispheres.
41. The equator is the line that divides the Earth into the northern and southern hemispheres.
42. The equator is the line that divides the Earth into the northern and southern hemispheres.
43. The equator is the line that divides the Earth into the northern and southern hemispheres.
44. The equator is the line that divides the Earth into the northern and southern hemispheres.
45. The equator is the line that divides the Earth into the northern and southern hemispheres.
46. The equator is the line that divides the Earth into the northern and southern hemispheres.
47. The equator is the line that divides the Earth into the northern and southern hemispheres.
48. The equator is the line that divides the Earth into the northern and southern hemispheres.
49. The equator is the line that divides the Earth into the northern and southern hemispheres.
50. The equator is the line that divides the Earth into the northern and southern hemispheres.



Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of  $\alpha$ -methylstyrene in the presence of  $\text{SnCl}_4$  at  $25^\circ\text{C}$ .



101. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
102. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
103. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
104. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
105. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
106. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
107. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
108. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
109. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
110. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
111. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
112. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
113. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
114. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy
115. Which of the following is not a function of the following?
- to store energy
  - to transport energy
  - to convert energy
  - to store energy







1. The first step in the process of the scientific method is to ask a question.
2. The second step is to do background research.
3. The third step is to form a hypothesis.
4. The fourth step is to test the hypothesis.
5. The fifth step is to analyze the data.
6. The sixth step is to draw a conclusion.
7. The seventh step is to communicate the results.
8. The eighth step is to repeat the experiment.
9. The ninth step is to evaluate the results.
10. The tenth step is to draw a conclusion.
11. The eleventh step is to communicate the results.
12. The twelfth step is to repeat the experiment.
13. The thirteenth step is to evaluate the results.
14. The fourteenth step is to draw a conclusion.
15. The fifteenth step is to communicate the results.
16. The sixteenth step is to repeat the experiment.
17. The seventeenth step is to evaluate the results.
18. The eighteenth step is to draw a conclusion.
19. The nineteenth step is to communicate the results.
20. The twentieth step is to repeat the experiment.
21. The twenty-first step is to evaluate the results.
22. The twenty-second step is to draw a conclusion.
23. The twenty-third step is to communicate the results.
24. The twenty-fourth step is to repeat the experiment.
25. The twenty-fifth step is to evaluate the results.
26. The twenty-sixth step is to draw a conclusion.
27. The twenty-seventh step is to communicate the results.
28. The twenty-eighth step is to repeat the experiment.
29. The twenty-ninth step is to evaluate the results.
30. The thirtieth step is to draw a conclusion.
31. The thirty-first step is to communicate the results.
32. The thirty-second step is to repeat the experiment.
33. The thirty-third step is to evaluate the results.
34. The thirty-fourth step is to draw a conclusion.
35. The thirty-fifth step is to communicate the results.
36. The thirty-sixth step is to repeat the experiment.
37. The thirty-seventh step is to evaluate the results.
38. The thirty-eighth step is to draw a conclusion.
39. The thirty-ninth step is to communicate the results.
40. The fortieth step is to repeat the experiment.
41. The forty-first step is to evaluate the results.
42. The forty-second step is to draw a conclusion.
43. The forty-third step is to communicate the results.
44. The forty-fourth step is to repeat the experiment.
45. The forty-fifth step is to evaluate the results.
46. The forty-sixth step is to draw a conclusion.
47. The forty-seventh step is to communicate the results.
48. The forty-eighth step is to repeat the experiment.
49. The forty-ninth step is to evaluate the results.
50. The fiftieth step is to draw a conclusion.
51. The fifty-first step is to communicate the results.
52. The fifty-second step is to repeat the experiment.
53. The fifty-third step is to evaluate the results.
54. The fifty-fourth step is to draw a conclusion.
55. The fifty-fifth step is to communicate the results.
56. The fifty-sixth step is to repeat the experiment.
57. The fifty-seventh step is to evaluate the results.
58. The fifty-eighth step is to draw a conclusion.
59. The fifty-ninth step is to communicate the results.
60. The sixtieth step is to repeat the experiment.
61. The sixty-first step is to evaluate the results.
62. The sixty-second step is to draw a conclusion.
63. The sixty-third step is to communicate the results.
64. The sixty-fourth step is to repeat the experiment.
65. The sixty-fifth step is to evaluate the results.
66. The sixty-sixth step is to draw a conclusion.
67. The sixty-seventh step is to communicate the results.
68. The sixty-eighth step is to repeat the experiment.
69. The sixty-ninth step is to evaluate the results.
70. The seventieth step is to draw a conclusion.
71. The seventy-first step is to communicate the results.
72. The seventy-second step is to repeat the experiment.
73. The seventy-third step is to evaluate the results.
74. The seventy-fourth step is to draw a conclusion.
75. The seventy-fifth step is to communicate the results.
76. The seventy-sixth step is to repeat the experiment.
77. The seventy-seventh step is to evaluate the results.
78. The seventy-eighth step is to draw a conclusion.
79. The seventy-ninth step is to communicate the results.
80. The eightieth step is to repeat the experiment.
81. The eighty-first step is to evaluate the results.
82. The eighty-second step is to draw a conclusion.
83. The eighty-third step is to communicate the results.
84. The eighty-fourth step is to repeat the experiment.
85. The eighty-fifth step is to evaluate the results.
86. The eighty-sixth step is to draw a conclusion.
87. The eighty-seventh step is to communicate the results.
88. The eighty-eighth step is to repeat the experiment.
89. The eighty-ninth step is to evaluate the results.
90. The ninetieth step is to draw a conclusion.
91. The ninety-first step is to communicate the results.
92. The ninety-second step is to repeat the experiment.
93. The ninety-third step is to evaluate the results.
94. The ninety-fourth step is to draw a conclusion.
95. The ninety-fifth step is to communicate the results.
96. The ninety-sixth step is to repeat the experiment.
97. The ninety-seventh step is to evaluate the results.
98. The ninety-eighth step is to draw a conclusion.
99. The ninety-ninth step is to communicate the results.
100. The hundredth step is to repeat the experiment.







[illegible][illegible][illegible]







1. The first step in the process of production is the selection of the raw materials. This is done by the purchasing department, which is responsible for ensuring that the materials are of the highest quality and are available in the quantities required. The selection of materials is a crucial decision, as it can have a significant impact on the cost and quality of the final product.

2. The second step is the design of the product. This is done by the design department, which is responsible for creating a detailed plan of the product. The design must take into account the requirements of the customer, the available materials, and the manufacturing process. The design department also works closely with the marketing department to ensure that the product meets the needs of the target market.

3. The third step is the production of the product. This is done by the production department, which is responsible for converting the raw materials into the finished product. The production process involves a series of steps, including cutting, shaping, and assembling the components. The production department must ensure that the product is produced in a timely and efficient manner, and that it meets the required quality standards.

4. The fourth step is the distribution of the product. This is done by the distribution department, which is responsible for getting the product to the customer. The distribution department must ensure that the product is delivered in a timely and efficient manner, and that it is in good condition. The distribution department also works closely with the marketing department to promote the product and to ensure that it is available to the target market.

5. The fifth step is the evaluation of the production process. This is done by the evaluation department, which is responsible for assessing the performance of the production process. The evaluation department must ensure that the production process is efficient and effective, and that it meets the required quality standards. The evaluation department also works closely with the other departments to identify areas for improvement and to implement changes to the production process.

1. The first step in the process of production is the selection of the raw materials. This is done by the purchasing department, which is responsible for ensuring that the materials are of the highest quality and are available in the quantities required. The selection of materials is a crucial decision, as it can have a significant impact on the cost and quality of the final product.

2. The second step is the design of the product. This is done by the design department, which is responsible for creating a detailed plan of the product. The design must take into account the requirements of the customer, the available materials, and the manufacturing process. The design department also works closely with the marketing department to ensure that the product meets the needs of the target market.

3. The third step is the production of the product. This is done by the production department, which is responsible for converting the raw materials into the finished product. The production process involves a series of steps, including cutting, shaping, and assembling the components. The production department must ensure that the product is produced in a timely and efficient manner, and that it meets the required quality standards.

4. The fourth step is the distribution of the product. This is done by the distribution department, which is responsible for getting the product to the customer. The distribution department must ensure that the product is delivered in a timely and efficient manner, and that it is in good condition. The distribution department also works closely with the marketing department to promote the product and to ensure that it is available to the target market.

5. The fifth step is the evaluation of the production process. This is done by the evaluation department, which is responsible for assessing the performance of the production process. The evaluation department must ensure that the production process is efficient and effective, and that it meets the required quality standards. The evaluation department also works closely with the other departments to identify areas for improvement and to implement changes to the production process.







# ANSWERS

1	12	2	4	10
2	17	1	1	1
3	27	1	1	1
4	37	1	14	1
5	37	1	1	1
6	42	1	1	1
7	4	1	1	1
8	1	1	1	1
9	1	1	1	1
10	1	1	1	1
11	1	1	1	1
12	1	1	1	1
13	1	1	1	1
14	1	1	1	1
15	1	1	1	1
16	1	1	1	1
17	1	1	1	1
18	1	1	1	1
19	1	1	1	1
20	1	1	1	1
21	1	1	1	1
22	1	1	1	1
23	1	1	1	1
24	1	1	1	1
25	1	1	1	1
26	1	1	1	1
27	1	1	1	1
28	1	1	1	1
29	1	1	1	1
30	1	1	1	1
31	1	1	1	1
32	1	1	1	1
33	1	1	1	1
34	1	1	1	1
35	1	1	1	1
36	1	1	1	1
37	1	1	1	1
38	1	1	1	1
39	1	1	1	1
40	1	1	1	1
41	1	1	1	1
42	1	1	1	1
43	1	1	1	1
44	1	1	1	1
45	1	1	1	1
46	1	1	1	1
47	1	1	1	1
48	1	1	1	1
49	1	1	1	1
50	1	1	1	1
51	1	1	1	1
52	1	1	1	1
53	1	1	1	1
54	1	1	1	1
55	1	1	1	1
56	1	1	1	1
57	1	1	1	1
58	1	1	1	1
59	1	1	1	1
60	1	1	1	1
61	1	1	1	1
62	1	1	1	1
63	1	1	1	1
64	1	1	1	1
65	1	1	1	1
66	1	1	1	1
67	1	1	1	1
68	1	1	1	1
69	1	1	1	1
70	1	1	1	1
71	1	1	1	1
72	1	1	1	1
73	1	1	1	1
74	1	1	1	1
75	1	1	1	1
76	1	1	1	1
77	1	1	1	1
78	1	1	1	1
79	1	1	1	1
80	1	1	1	1
81	1	1	1	1
82	1	1	1	1
83	1	1	1	1
84	1	1	1	1
85	1	1	1	1
86	1	1	1	1
87	1	1	1	1
88	1	1	1	1
89	1	1	1	1
90	1	1	1	1
91	1	1	1	1
92	1	1	1	1
93	1	1	1	1
94	1	1	1	1
95	1	1	1	1
96	1	1	1	1
97	1	1	1	1
98	1	1	1	1
99	1	1	1	1
100	1	1	1	1

# RIVERS OF THE WORLD

1. The Nile is the longest river in the world. It is 6,853 km long. It flows from the south to the north of Africa. It is the only river in the world that flows north.
2. The Amazon is the second longest river in the world. It is 6,400 km long. It flows from the west to the east of South America. It is the only river in the world that flows east.
3. The Yangtze is the third longest river in the world. It is 6,300 km long. It flows from the west to the east of Asia. It is the only river in the world that flows east.
4. The Mississippi is the fourth longest river in the world. It is 6,271 km long. It flows from the north to the south of North America. It is the only river in the world that flows south.
5. The Rhine is the fifth longest river in the world. It is 1,326 km long. It flows from the north to the south of Europe. It is the only river in the world that flows south.
6. The Danube is the sixth longest river in the world. It is 2,850 km long. It flows from the north to the south of Europe. It is the only river in the world that flows south.
7. The Volga is the seventh longest river in the world. It is 3,530 km long. It flows from the north to the south of Europe. It is the only river in the world that flows south.
8. The Congo is the eighth longest river in the world. It is 4,700 km long. It flows from the north to the south of Africa. It is the only river in the world that flows south.
9. The Niger is the ninth longest river in the world. It is 4,180 km long. It flows from the north to the south of Africa. It is the only river in the world that flows south.
10. The Senegal is the tenth longest river in the world. It is 1,433 km long. It flows from the north to the south of Africa. It is the only river in the world that flows south.



1. Which of the following is not a country?  
a) China  
b) India  
c) Japan  
d) Korea
2. Which of the following is not a city?  
a) London  
b) New York  
c) Paris  
d) Tokyo
3. Which of the following is not a river?  
a) Amazon  
b) Nile  
c) Rhine  
d) Volga
4. Which of the following is not a mountain range?  
a) Andes  
b) Himalayas  
c) Alps  
d) Rockies
5. Which of the following is not a type of fruit?  
a) Apple  
b) Banana  
c) Orange  
d) Pear
6. Which of the following is not a type of flower?  
a) Rose  
b) Tulip  
c) Daisy  
d) Sunflower
7. Which of the following is not a type of bird?  
a) Eagle  
b) Hawk  
c) Owl  
d) Parrot
8. Which of the following is not a type of insect?  
a) Ant  
b) Bee  
c) Fly  
d) Spider
9. Which of the following is not a type of animal?  
a) Dog  
b) Cat  
c) Horse  
d) Elephant
10. Which of the following is not a type of plant?  
a) Tree  
b) Flower  
c) Grass  
d) Mushroom
11. Which of the following is not a type of food?  
a) Bread  
b) Cheese  
c) Meat  
d) Fruit
12. Which of the following is not a type of drink?  
a) Water  
b) Tea  
c) Coffee  
d) Juice
13. Which of the following is not a type of sport?  
a) Football  
b) Basketball  
c) Tennis  
d) Golf
14. Which of the following is not a type of game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly
15. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly
16. Which of the following is not a type of card game?  
a) Poker  
b) Blackjack  
c) Roulette  
d) Craps
17. Which of the following is not a type of dice game?  
a) Craps  
b) Backgammon  
c) Go  
d) Monopoly
18. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly
19. Which of the following is not a type of card game?  
a) Poker  
b) Blackjack  
c) Roulette  
d) Craps
20. Which of the following is not a type of dice game?  
a) Craps  
b) Backgammon  
c) Go  
d) Monopoly

21. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly
22. Which of the following is not a type of card game?  
a) Poker  
b) Blackjack  
c) Roulette  
d) Craps
23. Which of the following is not a type of dice game?  
a) Craps  
b) Backgammon  
c) Go  
d) Monopoly
24. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly
25. Which of the following is not a type of card game?  
a) Poker  
b) Blackjack  
c) Roulette  
d) Craps
26. Which of the following is not a type of dice game?  
a) Craps  
b) Backgammon  
c) Go  
d) Monopoly
27. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly
28. Which of the following is not a type of card game?  
a) Poker  
b) Blackjack  
c) Roulette  
d) Craps
29. Which of the following is not a type of dice game?  
a) Craps  
b) Backgammon  
c) Go  
d) Monopoly
30. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly

31. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly
32. Which of the following is not a type of card game?  
a) Poker  
b) Blackjack  
c) Roulette  
d) Craps
33. Which of the following is not a type of dice game?  
a) Craps  
b) Backgammon  
c) Go  
d) Monopoly
34. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly
35. Which of the following is not a type of card game?  
a) Poker  
b) Blackjack  
c) Roulette  
d) Craps
36. Which of the following is not a type of dice game?  
a) Craps  
b) Backgammon  
c) Go  
d) Monopoly
37. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly
38. Which of the following is not a type of card game?  
a) Poker  
b) Blackjack  
c) Roulette  
d) Craps
39. Which of the following is not a type of dice game?  
a) Craps  
b) Backgammon  
c) Go  
d) Monopoly
40. Which of the following is not a type of board game?  
a) Chess  
b) Backgammon  
c) Go  
d) Monopoly

ANSWERS

1. d) Korea  
2. d) Tokyo  
3. d) Volga  
4. d) Rockies  
5. d) Pear  
6. d) Sunflower  
7. d) Parrot  
8. d) Spider  
9. d) Elephant  
10. d) Mushroom  
11. d) Fruit  
12. d) Juice  
13. d) Golf  
14. d) Monopoly  
15. d) Monopoly  
16. d) Craps  
17. d) Monopoly  
18. d) Monopoly  
19. d) Craps  
20. d) Monopoly

OCEANS AND SEAS

1. Which of the following is not a type of ocean?  
a) Atlantic  
b) Indian  
c) Pacific  
d) Arctic
2. Which of the following is not a type of sea?  
a) Red Sea  
b) Black Sea  
c) Mediterranean Sea  
d) Caspian Sea
3. Which of the following is not a type of bay?  
a) Persian Gulf  
b) Baffin Bay  
c) Hudson Bay  
d) Chesapeake Bay
4. Which of the following is not a type of strait?  
a) Bosphorus  
b) Gibraltar  
c) Dover  
d) Panama
5. Which of the following is not a type of canal?  
a) Suez Canal  
b) Panama Canal  
c) Erie Canal  
d) Welland Canal
6. Which of the following is not a type of river?  
a) Nile  
b) Amazon  
c) Rhine  
d) Volga
7. Which of the following is not a type of lake?  
a) Lake Superior  
b) Lake Michigan  
c) Lake Huron  
d) Lake Erie
8. Which of the following is not a type of island?  
a) Greenland  
b) Madagascar  
c) Sumatra  
d) Java
9. Which of the following is not a type of mountain range?  
a) Andes  
b) Himalayas  
c) Alps  
d) Rockies
10. Which of the following is not a type of volcano?  
a) Mount Everest  
b) Mount Fuji  
c) Mount St. Helens  
d) Mount Pinatubo



What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

# ANSWERS

1	1	4	5	6
2	2	7	8	9
3	3	10	11	12
4	4	13	14	15
5	5	16	17	18
6	6	19	20	21
7	7	22	23	24
8	8	25	26	27
9	9	28	29	30
10	10	31	32	33

## CANALS, BARRAGES AND DAMS

1. The main purpose of the passage is to inform the reader about the importance of canals, barrages and dams in the development of a country.
2. The main purpose of the passage is to inform the reader about the importance of canals, barrages and dams in the development of a country.
3. The main purpose of the passage is to inform the reader about the importance of canals, barrages and dams in the development of a country.
4. The main purpose of the passage is to inform the reader about the importance of canals, barrages and dams in the development of a country.

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?

What is the main purpose of the passage?







1. Which is the largest city in the world?  
a. New York b. London c. Tokyo d. Beijing
2. Which is the largest country in the world?  
a. Russia b. China c. USA d. Brazil
3. Which is the highest mountain in the world?  
a. Everest b. K2 c. Dhaulagiri d. Annapurna
4. Which is the largest island in the world?  
a. Greenland b. New Guinea c. Borneo d. Sumatra
5. Which is the largest body of water in the world?  
a. Indian Ocean b. Atlantic Ocean c. Pacific Ocean d. Arctic Ocean
6. Which is the largest city in the world?  
a. New York b. London c. Tokyo d. Beijing
7. Which is the largest country in the world?  
a. Russia b. China c. USA d. Brazil
8. Which is the highest mountain in the world?  
a. Everest b. K2 c. Dhaulagiri d. Annapurna
9. Which is the largest island in the world?  
a. Greenland b. New Guinea c. Borneo d. Sumatra
10. Which is the largest body of water in the world?  
a. Indian Ocean b. Atlantic Ocean c. Pacific Ocean d. Arctic Ocean

### ANSWERS

1. c. Tokyo  
2. a. Russia  
3. a. Everest  
4. a. Greenland  
5. c. Pacific Ocean  
6. c. Tokyo  
7. a. Russia  
8. a. Everest  
9. a. Greenland  
10. c. Pacific Ocean

### LAKES AND WATER FALLS

1. Which is the largest lake in the world?  
a. Caspian Sea b. Lake Superior c. Lake Victoria d. Lake Baikal
2. Which is the highest waterfall in the world?  
a. Angel Falls b. Victoria Falls c. Iguazu Falls d. Niagara Falls

1. Which is the largest city in the world?  
a. New York b. London c. Tokyo d. Beijing
2. Which is the largest country in the world?  
a. Russia b. China c. USA d. Brazil
3. Which is the highest mountain in the world?  
a. Everest b. K2 c. Dhaulagiri d. Annapurna
4. Which is the largest island in the world?  
a. Greenland b. New Guinea c. Borneo d. Sumatra
5. Which is the largest body of water in the world?  
a. Indian Ocean b. Atlantic Ocean c. Pacific Ocean d. Arctic Ocean
6. Which is the largest city in the world?  
a. New York b. London c. Tokyo d. Beijing
7. Which is the largest country in the world?  
a. Russia b. China c. USA d. Brazil
8. Which is the highest mountain in the world?  
a. Everest b. K2 c. Dhaulagiri d. Annapurna
9. Which is the largest island in the world?  
a. Greenland b. New Guinea c. Borneo d. Sumatra
10. Which is the largest body of water in the world?  
a. Indian Ocean b. Atlantic Ocean c. Pacific Ocean d. Arctic Ocean

11. Which is the largest city in the world?  
a. New York b. London c. Tokyo d. Beijing
12. Which is the largest country in the world?  
a. Russia b. China c. USA d. Brazil
13. Which is the highest mountain in the world?  
a. Everest b. K2 c. Dhaulagiri d. Annapurna
14. Which is the largest island in the world?  
a. Greenland b. New Guinea c. Borneo d. Sumatra
15. Which is the largest body of water in the world?  
a. Indian Ocean b. Atlantic Ocean c. Pacific Ocean d. Arctic Ocean
16. Which is the largest city in the world?  
a. New York b. London c. Tokyo d. Beijing
17. Which is the largest country in the world?  
a. Russia b. China c. USA d. Brazil
18. Which is the highest mountain in the world?  
a. Everest b. K2 c. Dhaulagiri d. Annapurna
19. Which is the largest island in the world?  
a. Greenland b. New Guinea c. Borneo d. Sumatra
20. Which is the largest body of water in the world?  
a. Indian Ocean b. Atlantic Ocean c. Pacific Ocean d. Arctic Ocean







# DESERTS AND PLAINS

1. A desert is a dry area with very little rain.

2. A plain is a flat area of land.

3. A plateau is a flat area of land at a high level.

4. A valley is a low area of land between hills or mountains.

5. A river is a large body of water that flows in a channel.

6. A lake is a body of water surrounded by land.

7. A sea is a large body of salt water.

8. An ocean is a very large body of salt water.

9. A bay is a body of water partially enclosed by land.

10. A fjord is a deep inlet of the sea between high cliffs.

11. A strait is a narrow body of water connecting two larger bodies of water.

12. A canal is a man-made waterway.

13. A dam is a barrier across a river or stream to control the flow of water.

14. A bridge is a structure that allows people or vehicles to cross a body of water or a deep ditch.

15. A tunnel is a passage through a hill or under a river or road.

16. A road is a path for vehicles to travel on.

17. A railway is a system of tracks for trains.

18. A canal is a man-made waterway.

19. A dam is a barrier across a river or stream to control the flow of water.

20. A bridge is a structure that allows people or vehicles to cross a body of water or a deep ditch.

21. A tunnel is a passage through a hill or under a river or road.

22. A road is a path for vehicles to travel on.

23. A railway is a system of tracks for trains.

24. A canal is a man-made waterway.

25. A dam is a barrier across a river or stream to control the flow of water.

26. A bridge is a structure that allows people or vehicles to cross a body of water or a deep ditch.

27. A tunnel is a passage through a hill or under a river or road.

28. A road is a path for vehicles to travel on.

29. A railway is a system of tracks for trains.

30. A canal is a man-made waterway.

## ANSWERS

1. a
2. b
3. c
4. d
5. e
6. f
7. g
8. h
9. i
10. j
11. k
12. l
13. m
14. n
15. o
16. p
17. q
18. r
19. s
20. t
21. u
22. v
23. w
24. x
25. y
26. z

## ANSWERS

1. a
2. b
3. c
4. d
5. e
6. f
7. g
8. h
9. i
10. j
11. k
12. l
13. m
14. n
15. o
16. p
17. q
18. r
19. s
20. t
21. u
22. v
23. w
24. x
25. y
26. z

## PASSES AND GLACIERS

1. A pass is a route through a mountain range or other natural barrier.

2. A glacier is a large body of ice that moves slowly down a slope.

3. A moraine is a pile of rocks and sediment left by a glacier.

4. A cirque is a bowl-shaped depression in a mountain.

5. A horn is a sharp peak of a mountain.

6. A col is a low point between two peaks.

7. A saddle is a low point between two peaks.

8. A notch is a narrow opening in a mountain.

9. A gap is a low point between two peaks.



**Figure 1**



ANALYSIS

# 1. ANALYSIS AND REFINEMENT

1. The first step is to identify the main components of the system.
2. The second step is to determine the relationships between these components.
3. The third step is to analyze the data collected from the system.
4. The fourth step is to refine the model based on the analysis.
5. The fifth step is to validate the refined model.
6. The sixth step is to implement the refined model.
7. The seventh step is to monitor the performance of the implemented model.
8. The eighth step is to update the model as needed.
9. The ninth step is to document the results of the analysis.
10. The tenth step is to present the findings to the stakeholders.

1. The first step is to identify the main components of the system.
2. The second step is to determine the relationships between these components.
3. The third step is to analyze the data collected from the system.
4. The fourth step is to refine the model based on the analysis.
5. The fifth step is to validate the refined model.
6. The sixth step is to implement the refined model.
7. The seventh step is to monitor the performance of the implemented model.
8. The eighth step is to update the model as needed.
9. The ninth step is to document the results of the analysis.
10. The tenth step is to present the findings to the stakeholders.

ANALYSIS		RESULTS	
Item	Description	Value	Unit
1	Item 1	10	kg
2	Item 2	20	kg
3	Item 3	30	kg
4	Item 4	40	kg
5	Item 5	50	kg
6	Item 6	60	kg
7	Item 7	70	kg
8	Item 8	80	kg
9	Item 9	90	kg
10	Item 10	100	kg



## SEA PORTS

- 4

- Scanned with CamScanner

Scanned with CamScanner

5213303 403 007 000000

Scanned with CamScanner



1	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60

# ANSWERS

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60

# UNIVERSE



# PLANETS BY SOLAR SYSTEM

Planet	Distance from Sun (A.U.)	Period of Revolution (Earth Days)	Period of Rotation (Earth Days)	Size (Earth Radii)	Mass (Earth Masses)	Other Notes
Mercury	0.4	88 days	58.6 days	0.38	0.055	Closest to the Sun, smallest and hottest planet
Venus	0.7	224.7 days	243.0 days	0.95	0.815	Longest longest rotation to Earth and hottest except for Venus
Earth	1.0	365.25 days	24.0 hours	1.0	1.0	Planet whose people actually observe and study planet
Mars	1.5	687 days	24.6 hours	0.53	0.315	
Jupiter	5.2	4333 days	9.9 hours	11.2	317.8	Gas giant, largest planet in solar system
Saturn	9.5	10759 days	10.7 hours	9.4	94.6	Gas giant, second largest planet in solar system
Uranus	19.2	4333 days	10.7 hours	4.0	4.6	
Neptune	30.1	60190 days	16.1 hours	4.0	17.1	

NOTE: Distances are given in Astronomical Units (A.U.), which is the average distance from the Earth to the Sun. The distances are given in Earth radii (R<sub>E</sub>) and Earth masses (M<sub>E</sub>). The distances are given in Earth radii (R<sub>E</sub>) and Earth masses (M<sub>E</sub>).

- Which planet is the largest in the solar system?
  - Mercury
  - Venus
  - Earth
  - Mars
  - Jupiter
  - Saturn
  - Uranus
  - Neptune
- Which planet has the longest day?
  - Mercury
  - Venus
  - Earth
  - Mars
  - Jupiter
  - Saturn
  - Uranus
  - Neptune
- Which planet has the shortest day?
  - Mercury
  - Venus
  - Earth
  - Mars
  - Jupiter
  - Saturn
  - Uranus
  - Neptune
- Which planet has the most moons?
  - Mercury
  - Venus
  - Earth
  - Mars
  - Jupiter
  - Saturn
  - Uranus
  - Neptune
- Which planet has the most rings?
  - Mercury
  - Venus
  - Earth
  - Mars
  - Jupiter
  - Saturn
  - Uranus
  - Neptune
- Which planet has the most moons?
  - Mercury
  - Venus
  - Earth
  - Mars
  - Jupiter
  - Saturn
  - Uranus
  - Neptune
- Which planet has the most rings?
  - Mercury
  - Venus
  - Earth
  - Mars
  - Jupiter
  - Saturn
  - Uranus
  - Neptune















## WORLD CHRONOLOGY

- BC**
- 500 000 Java Man started hunting itself in Java, Ind
- 200 A. Neanderthal Man, 50% more intelligent than Java Man, died in Java
- 140 000 Neanderthal Man, Germany
- 12 000 Domestication of animals, sheep, goats, pig in Mesopotamian region
- 8000 Neolithic age begins. Beginning of agriculture in Mesopotamian region, also known as the Fertile Crescent
- 7000 First large human settlements in Palestine region of more than 3000 human beings
- 4500 Copper was extracted for the first time in Summer
- 4000 Appearance of the first civilization, called the Bronze Age Civilization developed in the Summer region
- 3000 1000 Egyptian Civilization founded in the Nile Valley
- 1763-1122 Shang Civilization, the earliest Chinese Civilization developed in the Huang-Ho valley
- 1500 Mayan Civilization founded in Central America
- 1400 Manufacture of iron started, Hittites of Asia Minor (Turkey), first to make iron
- 1200 Beginning of the Iron Age
- 800 City States formed in Ancient Greece
- 776 First Olympic Games organized in Athens, Greece
- 753 The City of Rome Founded
- 539 Syrus defeated Babylonians, foundation of Achaemenid dynasty
- 551 479 Confucius, founder of Confucianism lived and taught in China
- 480 Battle of Marathon between Greek and Persians
- 431 404 Peloponnesian wars between Greek and Sparta
- 336 323 Alexander the Great ruler of Macedonian conquers Egypt, Iran, Mesopotamia, Syria, Palestine, Phoenicia and Gandhara region bordering India
- 328 Alexander defeated King Porus on the bank of river Jhelum in the battle of Hydaspes
- 323 Alexander leaves India
- 323 Death of Alexander at Babylon
- 266 Rome and Carthage fight for controlling the island of Sicily in the first Punic war
- 214 The Great Wall of China constructed
- 202 Han dynasty succeeded the China dynasty in China
- 201 Second Punic War
- 146 Romans defeated Carthaginians in the third Punic War, city of Carthage set on fire
- 55 Julius Caesar invades Britain
- 44 Julius Caesar murdered
- 4 Birth of Jesus Christ
- AD**
- 29 Crucifixion of Jesus Christ by the Roman
- 80 Completion of the Roman Colosseum
- 87 Chinese penetrate the Persian Gulf
- 117 Roman empire reaches its greatest extent under Hadrian
- 220 End of Han dynasty, China divided, period of civil war begins in China
- 3rd Century Sassanid Empire found by Artaban in 300 AD
- 330 Roman emperor Constantine set up a new capital of Eastern Roman Empire known as Constantinople
- 375 Huns invade Europe
- 571 Birth of Mohammad (PBUH) at Meccah
- 580 Hun dynasty of China succeeded by Sui dynasty
- 622 Migration of Mohammad (PBUH) from Meccah to Madinah, beginning of Islamic era, first year of Islamic calendar
- 632 Death of Prophet Mohammad (PBUH)
- 660 Conversion of Korea to Christianity
- 711 Spain converted to Islam
- 768 Alaric, king of Visigoths in Western Europe, to power in Byzantium
- 800 Charlemagne ruled over Western Europe, Germany and Italy
- 1000 Holy Roman empire came into existence
- 1215 Signing of Magna Carta and John accepted the demands of the barons of England to protect their interests
- 13th Century Marco Polo, a merchant from Venice travelled to China and Japan
- 1337 1453 Hundred years wars between England and France
- 1455 1485 Wars of Roses between two dynasties of Brackburs
- 1458 First printed book, Gutenberg Bible
- 1492 Columbus sets to find India and ends at the western known as West Indies today
- 1498 Vasco-de-Gama ends at Calicut in India, sailing round the Cape of Good Hope
- 1497 16 America rediscovered and America
- 1519 The voyage led by Magellan circumnavigates the world
- 1588 The Spanish Armada defeated in England
- 1688 Glorious revolution in England
- 1750 Industrial Revolution in England
- 1763 43 Seven years war between England and France
- 1773 43 American Revolution
- 1776 Declaration of American independence
- 1789 French Revolution
- 1792 1815 Napoleonic wars
- 1805 Battle of Trafalgar, Lord Nelson defeated French fleet
- 1815 Battle of Waterloo, Duke of Wellington defeated France under Napoleon
- 1848 Publication of Communist Manifesto
- 1861 45 American Civil War
- 1864 First International, Paris, formation of working men's association
- 1886 Unification of German States
- 1888 Suez Canal opened for traffic
- 1911 The Paris Commune
- 1889 Second International, Paris
- 1894 85 Sino-Japanese War
- 1905 Russo-Japanese War
- 1906 9th January Bloody Sunday, riotous, massacre of innocent peaceful protesters at St. Petersburg, Russia
- 1912 Establishment of the Chinese Republic
- 1917 The Russian Revolution or October Revolution
- 1914 18 First world war
- 1918 June, Treaty of Versailles
- 1920 Formation of League of Nations
- 1929 The historic economic depression in USA and Europe
- 1935 Italy invaded Ethiopia
- 1936 1936 Spanish Civil War
- 1939 September German invasion into Poland
- 1941 June German invasion into Russia















1. The first part of the document is a letter from the President of the United States to the Congress, dated January 8, 1907. It contains the following text:  
 "I have the honor to acknowledge the receipt of your communication of the 6th inst., and in reply to inform you that it has been forwarded to the proper authorities for their consideration."  
 2. The second part of the document is a report from the Secretary of the Interior, dated January 10, 1907. It contains the following text:  
 "In response to your communication of the 6th inst., I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration."  
 3. The third part of the document is a report from the Secretary of the Interior, dated January 10, 1907. It contains the following text:  
 "In response to your communication of the 6th inst., I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration."  
 4. The fourth part of the document is a report from the Secretary of the Interior, dated January 10, 1907. It contains the following text:  
 "In response to your communication of the 6th inst., I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration."  
 5. The fifth part of the document is a report from the Secretary of the Interior, dated January 10, 1907. It contains the following text:  
 "In response to your communication of the 6th inst., I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration."

17 April 1968  
 from Singapore  
 Chatterjee has  
 Chapter 10 of 8

1. The first part of the document is a letter from the Secretary of the Board of Directors to the Shareholders.  
 2. It contains information about the company's financial performance and the results of the annual meeting.  
 3. The second part is a report by the Chairman of the Board, discussing the company's strategy and future plans.  
 4. This is followed by a detailed financial statement, showing the company's income, expenses, and assets.  
 5. The final section contains the minutes of the annual meeting, detailing the discussions and decisions made by the shareholders.

[illegible]











4 2

*[The page contains extremely faint, illegible handwritten notes.]*

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

1. The temperature of the atmosphere at the surface of the earth is about 15°C. The temperature of the atmosphere at the top of the stratosphere is about -56°C. The temperature of the atmosphere at the bottom of the stratosphere is about -3°C. The temperature of the atmosphere at the top of the troposphere is about 10°C. The temperature of the atmosphere at the bottom of the troposphere is about 15°C. The temperature of the atmosphere at the top of the mesosphere is about -93°C. The temperature of the atmosphere at the bottom of the mesosphere is about -3°C. The temperature of the atmosphere at the top of the thermosphere is about 1000°C. The temperature of the atmosphere at the bottom of the thermosphere is about 100°C. The temperature of the atmosphere at the top of the ionosphere is about 1000°C. The temperature of the atmosphere at the bottom of the ionosphere is about 100°C. The temperature of the atmosphere at the top of the exosphere is about 1000°C. The temperature of the atmosphere at the bottom of the exosphere is about 100°C.

KAPPA KHS				
1st	2nd	3rd	4th	5th
KC	7-0	11-0	2-0	10-0
W	4-0	5-0	14-0	5-0
1st	17-0	14-0	18-0	20-0
2nd	22-0	27-0	24-0	

[illegible]



ANFON 9.5

1950年12月

1.  $\frac{1}{x^2} = x^{-2}$
2.  $\frac{d}{dx} x^{-2} = -2x^{-3}$
3.  $= -2x^{-3}$
4.  $= -\frac{2}{x^3}$
5.  $= -\frac{2}{x^3}$

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

2. The second part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

3. The third part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

4. The fourth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

5. The fifth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

6. The sixth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

7. The seventh part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

8. The eighth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

9. The ninth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

10. The tenth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

人 子

1.  $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$   
 $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$   
 $\frac{1}{2} \times \frac{1}{5} = \frac{1}{10}$   
 $\frac{1}{2} \times \frac{1}{6} = \frac{1}{12}$   
 $\frac{1}{2} \times \frac{1}{7} = \frac{1}{14}$   
 $\frac{1}{2} \times \frac{1}{8} = \frac{1}{16}$   
 $\frac{1}{2} \times \frac{1}{9} = \frac{1}{18}$   
 $\frac{1}{2} \times \frac{1}{10} = \frac{1}{20}$   
 $\frac{1}{2} \times \frac{1}{11} = \frac{1}{22}$   
 $\frac{1}{2} \times \frac{1}{12} = \frac{1}{24}$   
 $\frac{1}{2} \times \frac{1}{13} = \frac{1}{26}$   
 $\frac{1}{2} \times \frac{1}{14} = \frac{1}{28}$   
 $\frac{1}{2} \times \frac{1}{15} = \frac{1}{30}$   
 $\frac{1}{2} \times \frac{1}{16} = \frac{1}{32}$   
 $\frac{1}{2} \times \frac{1}{17} = \frac{1}{34}$   
 $\frac{1}{2} \times \frac{1}{18} = \frac{1}{36}$   
 $\frac{1}{2} \times \frac{1}{19} = \frac{1}{38}$   
 $\frac{1}{2} \times \frac{1}{20} = \frac{1}{40}$   
 $\frac{1}{2} \times \frac{1}{21} = \frac{1}{42}$   
 $\frac{1}{2} \times \frac{1}{22} = \frac{1}{44}$   
 $\frac{1}{2} \times \frac{1}{23} = \frac{1}{46}$   
 $\frac{1}{2} \times \frac{1}{24} = \frac{1}{48}$   
 $\frac{1}{2} \times \frac{1}{25} = \frac{1}{50}$   
 $\frac{1}{2} \times \frac{1}{26} = \frac{1}{52}$   
 $\frac{1}{2} \times \frac{1}{27} = \frac{1}{54}$   
 $\frac{1}{2} \times \frac{1}{28} = \frac{1}{56}$   
 $\frac{1}{2} \times \frac{1}{29} = \frac{1}{58}$   
 $\frac{1}{2} \times \frac{1}{30} = \frac{1}{60}$   
 $\frac{1}{2} \times \frac{1}{31} = \frac{1}{62}$   
 $\frac{1}{2} \times \frac{1}{32} = \frac{1}{64}$   
 $\frac{1}{2} \times \frac{1}{33} = \frac{1}{66}$   
 $\frac{1}{2} \times \frac{1}{34} = \frac{1}{68}$   
 $\frac{1}{2} \times \frac{1}{35} = \frac{1}{70}$   
 $\frac{1}{2} \times \frac{1}{36} = \frac{1}{72}$   
 $\frac{1}{2} \times \frac{1}{37} = \frac{1}{74}$   
 $\frac{1}{2} \times \frac{1}{38} = \frac{1}{76}$   
 $\frac{1}{2} \times \frac{1}{39} = \frac{1}{78}$   
 $\frac{1}{2} \times \frac{1}{40} = \frac{1}{80}$   
 $\frac{1}{2} \times \frac{1}{41} = \frac{1}{82}$   
 $\frac{1}{2} \times \frac{1}{42} = \frac{1}{84}$   
 $\frac{1}{2} \times \frac{1}{43} = \frac{1}{86}$   
 $\frac{1}{2} \times \frac{1}{44} = \frac{1}{88}$   
 $\frac{1}{2} \times \frac{1}{45} = \frac{1}{90}$   
 $\frac{1}{2} \times \frac{1}{46} = \frac{1}{92}$   
 $\frac{1}{2} \times \frac{1}{47} = \frac{1}{94}$   
 $\frac{1}{2} \times \frac{1}{48} = \frac{1}{96}$   
 $\frac{1}{2} \times \frac{1}{49} = \frac{1}{98}$   
 $\frac{1}{2} \times \frac{1}{50} = \frac{1}{100}$

[illegible]

신체 건강에 대한 관심

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

## KAS-400 1520mm

1. The first part of the document is a list of references. The references are as follows:

1. The first part of the document is a list of references. The references are as follows:
2. The second part of the document is a list of references. The references are as follows:
3. The third part of the document is a list of references. The references are as follows:
4. The fourth part of the document is a list of references. The references are as follows:
5. The fifth part of the document is a list of references. The references are as follows:
6. The sixth part of the document is a list of references. The references are as follows:
7. The seventh part of the document is a list of references. The references are as follows:
8. The eighth part of the document is a list of references. The references are as follows:
9. The ninth part of the document is a list of references. The references are as follows:
10. The tenth part of the document is a list of references. The references are as follows:

- [illegible]

[illegible]

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$











1. The first...  
2. The second...  
3. The third...  
4. The fourth...  
5. The fifth...  
6. The sixth...  
7. The seventh...  
8. The eighth...  
9. The ninth...  
10. The tenth...

11. The eleventh...  
12. The twelfth...  
13. The thirteenth...  
14. The fourteenth...  
15. The fifteenth...  
16. The sixteenth...  
17. The seventeenth...  
18. The eighteenth...  
19. The nineteenth...  
20. The twentieth...

21. The twenty-first...  
22. The twenty-second...  
23. The twenty-third...  
24. The twenty-fourth...  
25. The twenty-fifth...  
26. The twenty-sixth...  
27. The twenty-seventh...  
28. The twenty-eighth...  
29. The twenty-ninth...  
30. The thirtieth...

31. The thirty-first...  
32. The thirty-second...  
33. The thirty-third...  
34. The thirty-fourth...  
35. The thirty-fifth...  
36. The thirty-sixth...  
37. The thirty-seventh...  
38. The thirty-eighth...  
39. The thirty-ninth...  
40. The fortieth...

ANSWERS

1. B	2. C	3. A	4. D	5. B
6. C	7. B	8. A	9. C	10. D
11. A	12. B	13. C	14. D	15. A
16. B	17. C	18. A	19. D	20. B
21. C	22. B	23. A	24. D	25. B
26. C	27. B	28. A	29. D	30. B
31. C	32. B	33. A	34. D	35. B
36. C	37. B	38. A	39. D	40. B

41. The forty-first...  
42. The forty-second...  
43. The forty-third...  
44. The forty-fourth...  
45. The forty-fifth...  
46. The forty-sixth...  
47. The forty-seventh...  
48. The forty-eighth...  
49. The forty-ninth...  
50. The fiftieth...







*[Faint, illegible handwritten notes]*

[illegible]

1. The first step is to identify the problem or question that needs to be answered.

### ALSTOM PLC

1. අනුමැතිය ලබා දීම සඳහා අවශ්‍ය වන  
 2. අනුමැතිය ලබා දීම සඳහා අවශ්‍ය වන  
 3. අනුමැතිය ලබා දීම සඳහා අවශ්‍ය වන  
 4. අනුමැතිය ලබා දීම සඳහා අවශ්‍ය වන  
 5. අනුමැතිය ලබා දීම සඳහා අවශ්‍ය වන

## LE PLANCHER DE BOIS

[illegible][illegible][illegible][illegible]

**Dr. J. Edgar Hoover**

Abstract

17. ☐ Foreign and Domestic  
 18. ☐ Foreign and Domestic  
 19. ☐ Foreign and Domestic  
 20. ☐ Foreign and Domestic

## MISCELLANEOUS

WORLD CRUISES

12. **ማረፊያ ክፍል** ለ **ጥያቄ** ለመስጠት የሚያስፈልጉትን ሰነዶች ይጻፉ፡

[illegible]

10. Which of the following is a function of the  
 11. Which of the following is a function of the  
 12. Which of the following is a function of the  
 13. Which of the following is a function of the  
 14. Which of the following is a function of the

1. <u>What is the purpose of the study?</u>	to investigate the effect of the new curriculum on the learning of English in the primary school
2. <u>What are the research objectives?</u>	to find out the views of the teachers and the pupils on the new curriculum
3. <u>What are the research questions?</u>	to find out the views of the teachers and the pupils on the new curriculum
4. <u>What are the research hypotheses?</u>	to find out the views of the teachers and the pupils on the new curriculum
5. <u>What are the research methods?</u>	to find out the views of the teachers and the pupils on the new curriculum
6. <u>What are the research findings?</u>	to find out the views of the teachers and the pupils on the new curriculum
7. <u>What are the research conclusions?</u>	to find out the views of the teachers and the pupils on the new curriculum
8. <u>What are the research implications?</u>	to find out the views of the teachers and the pupils on the new curriculum
9. <u>What are the research limitations?</u>	to find out the views of the teachers and the pupils on the new curriculum
10. <u>What are the research recommendations?</u>	to find out the views of the teachers and the pupils on the new curriculum

අයිතමය	විස්තරය	ප්‍රමාණය	මිල
01	බෝංචි	100	100.00
02	බෝංචි	100	100.00
03	බෝංචි	100	100.00
04	බෝංචි	100	100.00

4. **பொருள்** : கீழ்க்கண்ட கூற்றைக் குறிப்பிடுக  
 (a) **பொருள்** : கீழ்க்கண்ட கூற்றைக் குறிப்பிடுக  
 (b) **பொருள்** : கீழ்க்கண்ட கூற்றைக் குறிப்பிடுக  
 (c) **பொருள்** : கீழ்க்கண்ட கூற்றைக் குறிப்பிடுக

- (a) *can and algebra*
- (b) *can and ? only*
- (c) *can and definition*

26. **Corrected Systolic Blood Pressure and Heart Rate**

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.



1. The area of the world's population is concentrated in the low-lying coastal areas of the world. This is due to the fact that the land is fertile and the climate is suitable for agriculture. The population is also concentrated in the river valleys and the coastal areas of the world.

2. The population of the world is increasing rapidly. This is due to the fact that the birth rate is high and the death rate is low. The population is also increasing due to the fact that the life expectancy is increasing.

3. The population of the world is becoming more urban. This is due to the fact that the people are moving from the rural areas to the urban areas. The population is also becoming more urban due to the fact that the urban areas are becoming more attractive.

4. The population of the world is becoming more mobile. This is due to the fact that the people are moving from one place to another. The population is also becoming more mobile due to the fact that the transportation is becoming more convenient.

5. The population of the world is becoming more educated. This is due to the fact that the people are attending school. The population is also becoming more educated due to the fact that the education is becoming more accessible.

6. The population of the world is becoming more healthy. This is due to the fact that the people are living longer. The population is also becoming more healthy due to the fact that the medical care is becoming more advanced.

7. The population of the world is becoming more prosperous. This is due to the fact that the people are earning more money. The population is also becoming more prosperous due to the fact that the economy is becoming more developed.

8. The population of the world is becoming more peaceful. This is due to the fact that the people are living in peace. The population is also becoming more peaceful due to the fact that the world is becoming more stable.

9. The population of the world is becoming more united. This is due to the fact that the people are working together. The population is also becoming more united due to the fact that the world is becoming more integrated.

10. The population of the world is becoming more diverse. This is due to the fact that the people are coming from different places. The population is also becoming more diverse due to the fact that the world is becoming more multicultural.

**ANSWERS**

1. a	2. b	3. c	4. d	5. e
6. f	7. g	8. h	9. i	10. j
11. k	12. l	13. m	14. n	15. o
16. p	17. q	18. r	19. s	20. t
21. u	22. v	23. w	24. x	25. y
26. z	27. a	28. b	29. c	30. d

# COUNTRIES

**Continents**

Africa is the second largest continent in the world. It is surrounded by the Indian Ocean to the east, the Atlantic Ocean to the west, the Mediterranean Sea to the north, and the Red Sea to the northeast. The continent is home to a large number of different cultures and languages.

Country	Capital	Area (sq. km)	Population (millions)
Algeria	Algiers	2,381,470	24.5
Angola	Luanda	1,246,700	12.5
Benin	Cotonou	119,460	10.5
Burkina Faso	Ouagadougou	274,000	10.5
Burundi	Bujumbura	27,834	4.5
Cameroun	Yaounde	475,339	12.5
Chad	Ndjamena	1,284,000	10.5
Cote d'Ivoire	Abidjan	322,467	12.5
DRC	Kinshasa	2,267,040	45.5
Egypt	Cairo	1,001,450	65.5
Ghana	Accra	239,460	12.5
Guinea	Conakry	111,300	5.5
Guinea-Bissau	Bissau	11,200	1.5
Kenya	Nairobi	224,961	12.5
Lesotho	Maseru	30,355	1.5
Liberia	Monrovia	111,369	3.5
Madagascar	Antananarivo	592,040	12.5
Mali	Bamako	1,246,700	12.5
Mauritania	Nouakchott	1,030,700	2.5
Morocco	Rabat	446,560	24.5
Mozambique	Maputo	309,300	12.5
Niger	Niamey	1,267,000	12.5
Nigeria	Lagos	923,768	125.5
Rwanda	Kigali	26,338	4.5
Senegal	Dakar	76,925	7.5
Sierra Leone	Freetown	71,460	4.5
South Africa	Pretoria	1,219,912	24.5
Swaziland	Mbabane	17,364	1.5
Tanzania	Dar es Salaam	803,300	24.5
Togo	Lome	56,785	2.5
Tunisia	Tunis	163,267	9.5
Zambia	Lusaka	376,965	7.5
Zimbabwe	Harare	390,757	9.5



Country	Capital	Population	Area	Population Density
Algeria	Algiers	14,000,000	2,381,474	5.88
Angola	Luanda	12,000,000	483,647	24.83
Argentina	Buenos Aires	35,000,000	2,780,167	12.59
Australia	Canberra	18,000,000	7,741,222	2.32
Austria	Vienna	8,000,000	83,858	95.40
Bangladesh	Dhaka	120,000,000	147,570	813.28
Belgium	Brussels	10,000,000	30,528	327.50
Brazil	Brazilia	150,000,000	8,511,965	17.62
Canada	Ottawa	28,000,000	9,970,670	2.81
Chad	N'Djamena	10,000,000	1,284,100	7.79
China	Beijing	1,200,000,000	9,596,961	125.00
Colombia	Bogota	25,000,000	1,104,736	22.63
Czech Republic	Prague	10,000,000	78,866	126.94
Denmark	Copenhagen	5,000,000	4,308	1160.44
Egypt	Cairo	70,000,000	1,001,450	69.94
France	Paris	60,000,000	643,801	93.19
Germany	Berlin	80,000,000	357,021	224.08
Ghana	Accra	18,000,000	238,381	75.55
Greece	Athens	11,000,000	113,512	97.00
India	New Delhi	1,000,000,000	3,287,263	304.39
Indonesia	Jakarta	200,000,000	1,919,343	104.20
Italy	Rome	58,000,000	301,330	192.47
Japan	Tokyo	125,000,000	377,915	330.77
Korea	Seoul	45,000,000	100,000	450.00
Madagascar	Antananarivo	15,000,000	592,243	25.33
Mali	Bamako	15,000,000	1,246,700	12.04
Mexico	Mexico City	90,000,000	1,958,450	45.95
Netherlands	Amsterdam	16,000,000	41,826	382.60
Nigeria	Lagos	120,000,000	923,768	130.88
Poland	Warsaw	35,000,000	119,075	293.90
Romania	Bucharest	22,000,000	237,591	92.60
Russia	Moscow	145,000,000	17,098,242	8.48
South Africa	Cape Town	40,000,000	1,219,090	32.82
Spain	Madrid	45,000,000	505,992	89.00
Sweden	Stockholm	8,000,000	45,227	177.00
Switzerland	Bern	7,000,000	41,285	169.33
Taiwan	Taipei	22,000,000	36,192	608.00
Tanzania	Dar es Salaam	35,000,000	803,777	43.67
Thailand	Bangkok	60,000,000	513,120	116.93
United Kingdom	London	55,000,000	244,820	224.66
United States	Washington D.C.	265,000,000	3,796,726	70.06
USSR	Moscow	250,000,000	17,098,242	14.62
Yugoslavia	Belgrade	20,000,000	108,391	184.60

Country	Capital	Population	Area	Population Density
Algeria	Algiers	14,000,000	2,381,474	5.88
Angola	Luanda	12,000,000	483,647	24.83
Argentina	Buenos Aires	35,000,000	2,780,167	12.59
Australia	Canberra	18,000,000	7,741,222	2.32
Austria	Vienna	8,000,000	83,858	95.40
Bangladesh	Dhaka	120,000,000	147,570	813.28
Belgium	Brussels	10,000,000	30,528	327.50
Brazil	Brazilia	150,000,000	8,511,965	17.62
Canada	Ottawa	28,000,000	9,970,670	2.81
Chad	N'Djamena	10,000,000	1,284,100	7.79
China	Beijing	1,200,000,000	9,596,961	125.00
Colombia	Bogota	25,000,000	1,104,736	22.63
Czech Republic	Prague	10,000,000	78,866	126.94
Denmark	Copenhagen	5,000,000	4,308	1160.44
Egypt	Cairo	70,000,000	1,001,450	69.94
France	Paris	60,000,000	643,801	93.19
Germany	Berlin	80,000,000	357,021	224.08
Ghana	Accra	18,000,000	238,381	75.55
Greece	Athens	11,000,000	113,512	97.00
India	New Delhi	1,000,000,000	3,287,263	304.39
Indonesia	Jakarta	200,000,000	1,919,343	104.20
Italy	Rome	58,000,000	301,330	192.47
Japan	Tokyo	125,000,000	377,915	330.77
Korea	Seoul	45,000,000	100,000	450.00
Madagascar	Antananarivo	15,000,000	592,243	25.33
Mali	Bamako	15,000,000	1,246,700	12.04
Mexico	Mexico City	90,000,000	1,958,450	45.95
Netherlands	Amsterdam	16,000,000	41,826	382.60
Nigeria	Lagos	120,000,000	923,768	130.88
Poland	Warsaw	35,000,000	119,075	293.90
Romania	Bucharest	22,000,000	237,591	92.60
Russia	Moscow	145,000,000	17,098,242	8.48
South Africa	Cape Town	40,000,000	1,219,090	32.82
Spain	Madrid	45,000,000	505,992	89.00
Sweden	Stockholm	8,000,000	45,227	177.00
Switzerland	Bern	7,000,000	41,285	169.33
Taiwan	Taipei	22,000,000	36,192	608.00
Tanzania	Dar es Salaam	35,000,000	803,777	43.67
Thailand	Bangkok	60,000,000	513,120	116.93
United Kingdom	London	55,000,000	244,820	224.66
United States	Washington D.C.	265,000,000	3,796,726	70.06
USSR	Moscow	250,000,000	17,098,242	14.62
Yugoslavia	Belgrade	20,000,000	108,391	184.60







Country	Capital	Area (sq. km)	Population (1980)	Population (1985)	Population (1990)
Algeria	Algiers	2,381,470	15,000,000	16,000,000	17,000,000
Angola	Luanda	1,246,700	10,000,000	11,000,000	12,000,000
Argentina	Buenos Aires	2,780,167	25,000,000	26,000,000	27,000,000
Armenia	Yerevan	29,743	3,000,000	3,200,000	3,400,000
Australia	Canberra	7,741,229	15,000,000	16,000,000	17,000,000
Austria	Vienna	83,858	8,000,000	8,200,000	8,400,000
Azerbaijan	Baku	86,600	6,000,000	6,500,000	7,000,000
Bahrain	Manama	600	1,000,000	1,200,000	1,400,000
Bangladesh	Dhaka	147,570	90,000,000	95,000,000	100,000,000
Barbados	Bridgetown	430	250,000	260,000	270,000
Belarus	Minsk	207,600	10,000,000	10,500,000	11,000,000
Belgium	Brussels	30,528	10,000,000	10,500,000	11,000,000
Belize	Belize City	22,967	250,000	260,000	270,000
Benin	Cotonou	112,634	5,000,000	5,500,000	6,000,000
Bhutan	Thimphu	38,394	2,000,000	2,200,000	2,400,000
Bolivia	Sucre	1,098,581	7,000,000	7,500,000	8,000,000
Bosnia and Herzegovina	Sarajevo	51,129	4,000,000	4,200,000	4,400,000
Brazil	Brasilia	8,511,965	150,000,000	160,000,000	170,000,000
Bulgaria	Sofia	110,910	8,000,000	8,200,000	8,400,000
Burkina Faso	Ouagadougou	274,000	5,000,000	5,500,000	6,000,000
Burundi	Bujumbura	27,834	4,000,000	4,200,000	4,400,000
Cambodia	Phnom Penh	181,035	10,000,000	10,500,000	11,000,000
Cameroon	Yaounde	475,339	10,000,000	11,000,000	12,000,000
Canada	Ottawa	9,984,670	28,000,000	29,000,000	30,000,000
Cape Verde	Praia	4,033	400,000	420,000	440,000
Casakhstan	Nur-Sultan	1,799,500	15,000,000	16,000,000	17,000,000
Catalonia	Barcelona	32,918	7,000,000	7,200,000	7,400,000
Cayman Islands	George Town	264	40,000	42,000	44,000
Czech Republic	Prague	78,867	10,000,000	10,500,000	11,000,000
Cote d'Ivoire	Abidjan	322,462	10,000,000	11,000,000	12,000,000
Croatia	Zagreb	56,538	4,000,000	4,200,000	4,400,000
Cuba	Havana	110,860	11,000,000	11,500,000	12,000,000
Cyprus	Nicosia	9,251	700,000	720,000	740,000
Czechia	Prague	78,867	10,000,000	10,500,000	11,000,000
Dominican Republic	Santiago	76,615	2,500,000	2,600,000	2,700,000
Dominica	Roseau	751	70,000	72,000	74,000
DRC	Kinshasa	2,344,858	50,000,000	55,000,000	60,000,000
Ecuador	Quito	283,560	10,000,000	10,500,000	11,000,000
Egypt	Cairo	1,001,450	60,000,000	65,000,000	70,000,000
El Salvador	San Salvador	21,340	4,000,000	4,200,000	4,400,000
Equatorial Guinea	Malabo	28,051	500,000	520,000	540,000
Eritrea	Asmara	120,637	3,000,000	3,200,000	3,400,000
Estonia	Tallinn	45,248	1,000,000	1,050,000	1,100,000
Ethiopia	Addis Ababa	1,104,308	50,000,000	55,000,000	60,000,000
Fiji	Suva	183,346	700,000	720,000	740,000
Finland	Helsinki	154,858	5,000,000	5,200,000	5,400,000
France	Paris	643,801	60,000,000	62,000,000	64,000,000
Gabon	Libreville	267,667	1,000,000	1,200,000	1,400,000
Gambia	Banjul	11,300	1,000,000	1,200,000	1,400,000
Germany	Berlin	357,021	80,000,000	82,000,000	84,000,000
Ghana	Accra	238,381	15,000,000	16,000,000	17,000,000
Greece	Athens	113,512	10,000,000	10,500,000	11,000,000
Greenland	Narsarsuaq	2,166,086	50,000	52,000	54,000
Guatemala	Guatemala City	107,800	10,000,000	10,500,000	11,000,000
Guinea	Conakry	363,012	5,000,000	5,500,000	6,000,000
Guinea-Bissau	Bissau	36,125	1,000,000	1,200,000	1,400,000
Haiti	Port-au-Prince	77,816	7,000,000	7,500,000	8,000,000
Honduras	Tegucigalpa	111,890	4,000,000	4,200,000	4,400,000
Hungary	Budapest	107,619	10,000,000	10,500,000	11,000,000
Iceland	Reykjavik	101,824	250,000	260,000	270,000
India	New Delhi	3,287,263	800,000,000	850,000,000	900,000,000
Indonesia	Jakarta	1,919,900	180,000,000	190,000,000	200,000,000
Iran	Tehran	1,648,195	60,000,000	65,000,000	70,000,000
Ireland	Dublin	70,273	3,500,000	3,600,000	3,700,000
Israel	Jerusalem	20,346	4,000,000	4,200,000	4,400,000
Italy	Rome	301,330	55,000,000	57,000,000	59,000,000
Jamaica	Kingston	10,991	2,000,000	2,200,000	2,400,000
Japan	Tokyo	377,915	120,000,000	125,000,000	130,000,000
Jordan	Amman	92,300	5,000,000	5,500,000	6,000,000
Kazakhstan	Nur-Sultan	1,799,500	15,000,000	16,000,000	17,000,000
Kenya	Nairobi	225,161	15,000,000	16,000,000	17,000,000
Korea	Seoul	100,431	40,000,000	42,000,000	44,000,000
Kosovo	Pristina	10,908	2,000,000	2,200,000	2,400,000
Kuwait	Saddam City	17,818	2,500,000	2,600,000	2,700,000
Kyrgyzstan	Bishkek	199,500	4,000,000	4,200,000	4,400,000
Laos	Vientiane	236,800	5,000,000	5,500,000	6,000,000
Latvia	Riga	64,589	2,000,000	2,200,000	2,400,000
Lebanon	Beirut	10,450	4,000,000	4,200,000	4,400,000
Lesotho	Maseru	30,355	2,000,000	2,200,000	2,400,000
Lithuania	Vilnius	65,301	3,000,000	3,200,000	3,400,000
Luxembourg	Luxembourg	2,586	450,000	470,000	490,000
Madagascar	Antananarivo	592,244	15,000,000	16,000,000	17,000,000
Mali	Bamako	1,246,700	10,000,000	11,000,000	12,000,000
Maldives	Male	298	300,000	320,000	340,000
Moldova	Chisinau	33,846	4,000,000	4,200,000	4,400,000
Mongolia	Ulaanbaatar	1,564,116	2,000,000	2,200,000	2,400,000
Montenegro	Podgorica	13,811	600,000	620,000	640,000
Morocco	Rabat	446,556	25,000,000	26,000,000	27,000,000
Mozambique	Maputo	300,390	15,000,000	16,000,000	17,000,000
Myanmar	Nay Pyi Taw	676,577	50,000,000	55,000,000	60,000,000
Nepal	Kathmandu	147,181	20,000,000	21,000,000	22,000,000
Netherlands	Amsterdam	41,526	15,000,000	15,500,000	16,000,000
New Zealand	Wellington	268,681	3,500,000	3,600,000	3,700,000
Nicaragua	Managua	136,610	4,000,000	4,200,000	4,400,000
Niger	Niamey	1,267,000	10,000,000	11,000,000	12,000,000
Nigeria	Lagos	923,768	100,000,000	110,000,000	120,000,000
North Macedonia	Skopje	25,713	2,000,000	2,200,000	2,400,000
Norway	Oslo	385,203	4,000,000	4,200,000	4,400,000
Oman	Muscat	121,340	2,000,000	2,200,000	2,400,000
Pakistan	Islamabad	796,095	100,000,000	110,000,000	120,000,000
Panama	Panama City	75,517	3,000,000	3,200,000	3,400,000
Papua New Guinea	Port Moresby	462,840	5,000,000	5,500,000	6,000,000
Paraguay	Asuncion	406,750	6,000,000	6,500,000	7,000,000
Peru	Lima	1,285,178	25,000,000	26,000,000	27,000,000
Philippines	Manila	300,000	70,000,000	75,000,000	80,000,000
Poland	Warsaw	312,685	35,000,000	36,000,000	37,000,000
Portugal	Lisbon	92,090	10,000,000	10,500,000	11,000,000
Romania	Bucharest	237,500	21,000,000	22,000,000	23,000,000
Russia	Moscow	17,098,242	140,000,000	145,000,000	150,000,000
Rwanda	Kigali	26,338	7,000,000	7,500,000	8,000,000
Saudi Arabia	Riyadh	2,150,000	20,000,000	21,000,000	22,000,000
Senegal	Dakar	76,993	8,000,000	8,500,000	9,000,000
Serbia	Belgrade	77,614	7,000,000	7,200,000	7,400,000
Seychelles	Victoria	455	80,000	82,000	84,000
Sierra Leone	Freetown	71,740	4,000,000	4,200,000	4,400,000
Singapore	Singapore	710	3,000,000	3,200,000	3,400,000
Slovakia	Bratislava	49,035	5,000,000	5,200,000	5,400,000
Slovenia	Ljubljana	20,273	2,000,000	2,200,000	2,400,000
South Africa	Cape Town	1,219,080	40,000,000	42,000,000	44,000,000
South Korea	Seoul	100,431	40,000,000	42,000,000	44,000,000
Spain	Madrid	505,992	40,000,000	42,000,000	44,000,000
Sri Lanka	Colombo	65,610	18,000,000	19,000,000	20,000,000
Sweden	Stockholm	449,964	8,000,000	8,200,000	8,400,000
Switzerland	Bern	41,284	7,000,000	7,200,000	7,400,000
Taiwan	Taipei	36,192	20,000,000	21,000,000	22,000,000
Tanzania	Dar es Salaam	803,777	30,000,000	32,000,000	34,000,000
Thailand	Bangkok	513,120	60,000,000	62,000,000	64,000,000
Togo	Lome	56,783	5,000,000	5,500,000	6,000,000
Tonga	Nuku'alofa	747	100,000	102,000	104,000
Trinidad and Tobago	Port of Spain	949	1,000,000	1,020,000	1,040,000
Tunisia	Tunis	163,267	10,000,000	10,500,000	11,000,000
Turkey	Ankara	783,562	60,000,000	62,000,000	64,000,000
Turkmenistan	Ashgabat	148,450	4,000,000	4,200,000	4,400,000
Uganda	Kampala	241,040	15,000,000	16,000,000	17,000,000
Ukraine	Kyiv	603,628	45,000,000	47,000,000	49,000,000
United Kingdom	London	242,490	55,000,000	57,000,000	59,000,000
United States	Washington D.C.	3,796,726	250,000,000	260,000,000	270,000,000
Uruguay	Montevideo	176,215	3,000,000	3,200,000	3,400,000
Uzbekistan	Tashkent	447,400	20,000,000	21,000,000	22,000,000
Venezuela	Caracas	916,400	25,000,000	26,000,000	27,000,000
Vietnam	Hanoi	331,212	70,000,000	75,000,000	80,000,000
Yemen	Sana'a	527,970	15,000,000	16,000,000	17,000,000
Zambia	Lusaka	376,965	7,000,000	7,500,000	8,000,000
Zimbabwe	Harare	390,757	10,000,000	10,500,000	11,000,000

Country		Capital	Area (sq. km)	Population (1980)	Population (1985)	Population (1990)
Algeria	Algiers	2,381,470	15,000,000	16,000,000	17,000,000	
Angola	Luanda	1,246,700	10,000,000	11,000,000	12,000,000	
Argentina	Buenos Aires	2,780,167	25,000,000	26,000,000	27,000,000	
Armenia	Yerevan	29,743	3,000,000	3,200,000	3,400,000	
Australia	Canberra	7,741,229	15,000,000	16,000,000	17,000,000	
Austria	Vienna	83,858	8,000,000	8,200,000	8,400,000	
Azerbaijan	Baku	86,600	6,000,000	6,500,000	7,000,000	
Bahrain	Manama	600	1,000,000	1,200,000	1,400,000	
Bangladesh	Dhaka	147,570	90,000,000	95,000,000	100,000,000	
Barbados	Bridgetown	430	250,000	260,000	270,000	
Belarus	Minsk	207,600	10,000,000	10,500,000	11,000,000	
Belgium	Brussels	30,528	10,000,000	10,500,000	11,000,000	
Belize	Belize City	22,967	250,000	260,000	270,000	
Benin	Cotonou	112,634	5,000,000	5,500,000	6,000,000	
Bhutan	Thimphu	38,394	2,000,000	2,200,000	2,400,000	
Bolivia	Sucre	1,098,581	7,000,000	7,500,000	8,000,000	
Bosnia and Herzegovina	Sarajevo	51,129	4,000,000	4,200,000	4,400,000	
Brazil	Brasilia	8,511,965	150,000,000	160,000,000	170,000,000	
Bulgaria	Sofia	110,910	8,000,000	8,200,000	8,400,000	







1.  $\frac{1}{2} \times 100 = 50\%$

2.  $\frac{1}{4} \times 100 = 25\%$

3.  $\frac{1}{8} \times 100 = 12.5\%$

4.  $\frac{1}{16} \times 100 = 6.25\%$

5.  $\frac{1}{32} \times 100 = 3.125\%$

6.  $\frac{1}{64} \times 100 = 1.5625\%$

7.  $\frac{1}{128} \times 100 = 0.78125\%$

8.  $\frac{1}{256} \times 100 = 0.390625\%$

9.  $\frac{1}{512} \times 100 = 0.1953125\%$

10.  $\frac{1}{1024} \times 100 = 0.09765625\%$

11.  $\frac{1}{2048} \times 100 = 0.048828125\%$

12.  $\frac{1}{4096} \times 100 = 0.0244140625\%$

13.  $\frac{1}{8192} \times 100 = 0.01220703125\%$

14.  $\frac{1}{16384} \times 100 = 0.006103515625\%$

15.  $\frac{1}{32768} \times 100 = 0.0030517578125\%$

16.  $\frac{1}{65536} \times 100 = 0.00152587890625\%$

17.  $\frac{1}{131072} \times 100 = 0.000762939453125\%$

18.  $\frac{1}{262144} \times 100 = 0.0003814697265625\%$

19.  $\frac{1}{524288} \times 100 = 0.00019073486328125\%$

20.  $\frac{1}{1048576} \times 100 = 9.5367431640625 \times 10^{-5}\%$

21.  $\frac{1}{2097152} \times 100 = 4.76837158203125 \times 10^{-5}\%$

22.  $\frac{1}{4194304} \times 100 = 2.384185791015625 \times 10^{-5}\%$

23.  $\frac{1}{8388608} \times 100 = 1.1920928955078125 \times 10^{-5}\%$

24.  $\frac{1}{16777216} \times 100 = 5.9604644775390625 \times 10^{-6}\%$

25.  $\frac{1}{33554432} \times 100 = 2.98023223876953125 \times 10^{-6}\%$

26.  $\frac{1}{67108864} \times 100 = 1.490116119384765625 \times 10^{-6}\%$

27.  $\frac{1}{134217728} \times 100 = 7.450580596923828125 \times 10^{-7}\%$

28.  $\frac{1}{268435456} \times 100 = 3.7252902984619140625 \times 10^{-7}\%$

29.  $\frac{1}{536870912} \times 100 = 1.86264514923095703125 \times 10^{-7}\%$

30.  $\frac{1}{1073741824} \times 100 = 9.31322574615478515625 \times 10^{-8}\%$

31.  $\frac{1}{2147483648} \times 100 = 4.656612873077392578125 \times 10^{-8}\%$

32.  $\frac{1}{4294967296} \times 100 = 2.3283064365386962890625 \times 10^{-8}\%$

33.  $\frac{1}{8589934592} \times 100 = 1.16415321826934814453125 \times 10^{-8}\%$

34.  $\frac{1}{17179869184} \times 100 = 5.82076609134674072265625 \times 10^{-9}\%$

35.  $\frac{1}{34359738368} \times 100 = 2.910383045673370361328125 \times 10^{-9}\%$

36.  $\frac{1}{68719476736} \times 100 = 1.4551915228366851806640625 \times 10^{-9}\%$

37.  $\frac{1}{137438953472} \times 100 = 7.2759576141834259033203125 \times 10^{-10}\%$

38.  $\frac{1}{274877906944} \times 100 = 3.63797880709171295166015625 \times 10^{-10}\%$

39.  $\frac{1}{549755813888} \times 100 = 1.818989403545856475830078125 \times 10^{-10}\%$

40.  $\frac{1}{1099511627776} \times 100 = 9.094947017729282379150390625 \times 10^{-11}\%$

41.  $\frac{1}{2199023255552} \times 100 = 4.5474735088646411895751953125 \times 10^{-11}\%$

42.  $\frac{1}{4398046511104} \times 100 = 2.27373675443232059478759765625 \times 10^{-11}\%$

43.  $\frac{1}{8796093022208} \times 100 = 1.136868377216160297393798828125 \times 10^{-11}\%$

44.  $\frac{1}{17592186044416} \times 100 = 5.684341886080801486968994140625 \times 10^{-12}\%$

45.  $\frac{1}{35184372088832} \times 100 = 2.8421709430404007434844970703125 \times 10^{-12}\%$

46.  $\frac{1}{70368744177664} \times 100 = 1.42108547152020037174224853515625 \times 10^{-12}\%$

47.  $\frac{1}{140737488355328} \times 100 = 7.10542735760100185871124267578125 \times 10^{-13}\%$

48.  $\frac{1}{281474976710656} \times 100 = 3.552713678800500929355621337890625 \times 10^{-13}\%$

49.  $\frac{1}{562949953421312} \times 100 = 1.7763568394002504646778106689453125 \times 10^{-13}\%$

50.  $\frac{1}{1125899906842624} \times 100 = 8.8817841970012523233890533447265625 \times 10^{-14}\%$

51.  $\frac{1}{2251799813685248} \times 100 = 4.44089209850062616169452667236328125 \times 10^{-14}\%$

52.  $\frac{1}{4503599627370496} \times 100 = 2.220446049250313080847263336181640625 \times 10^{-14}\%$

53.  $\frac{1}{9007199254740992} \times 100 = 1.1102230246251565404236316680908203125 \times 10^{-14}\%$

54.  $\frac{1}{18014398509481984} \times 100 = 5.55111512312578270211815833405419921875 \times 10^{-15}\%$

55.  $\frac{1}{36028797018963968} \times 100 = 2.775557561562891351059079167027099609375 \times 10^{-15}\%$

56.  $\frac{1}{72057594037927936} \times 100 = 1.3877787807814456755295395835135498046875 \times 10^{-15}\%$

57.  $\frac{1}{144115188075855872} \times 100 = 6.9388939039072283776476979175677490234375 \times 10^{-16}\%$

58.  $\frac{1}{288230376151711744} \times 100 = 3.46944695195361418882384895878387451171875 \times 10^{-16}\%$

59.  $\frac{1}{576460752303423488} \times 100 = 1.734723475976807094411924479391937255859375 \times 10^{-16}\%$

60.  $\frac{1}{1152921504606846976} \times 100 = 8.673617379884035472059622396959686279296875 \times 10^{-17}\%$

61.  $\frac{1}{2305843009213693952} \times 100 = 4.3368086899420177360298111984798431396484375 \times 10^{-17}\%$

62.  $\frac{1}{4611686018427387904} \times 100 = 2.16840434497100886801490559923992156982421875 \$







1. Which is the capital of Canada?  
 a. Ottawa  
 b. Toronto  
 c. Montreal  
 d. Vancouver

2. Which is the capital of the United States?  
 a. Washington  
 b. New York  
 c. Los Angeles  
 d. Chicago

3. Which is the capital of France?  
 a. Paris  
 b. London  
 c. Rome  
 d. Berlin

4. Which is the capital of Germany?  
 a. Berlin  
 b. Frankfurt  
 c. Munich  
 d. Cologne

5. Which is the capital of Italy?  
 a. Rome  
 b. Milan  
 c. Venice  
 d. Florence

6. Which is the capital of Spain?  
 a. Madrid  
 b. Barcelona  
 c. Seville  
 d. Valencia

7. Which is the capital of Greece?  
 a. Athens  
 b. Thessaloniki  
 c. Patras  
 d. Ioannina

8. Which is the capital of Russia?  
 a. Moscow  
 b. St. Petersburg  
 c. Novosibirsk  
 d. Yekaterinburg

9. Which is the capital of China?  
 a. Beijing  
 b. Shanghai  
 c. Hong Kong  
 d. Canton

10. Which is the capital of India?  
 a. New Delhi  
 b. Mumbai  
 c. Kolkata  
 d. Chennai

11. Which is the capital of Japan?  
 a. Tokyo  
 b. Osaka  
 c. Kyoto  
 d. Hiroshima

12. Which is the capital of South Korea?  
 a. Seoul  
 b. Busan  
 c. Incheon  
 d. Daegu

13. Which is the capital of North Korea?  
 a. Pyongyang  
 b. Wonsan  
 c. Hamhung  
 d. Chongjin

14. Which is the capital of Vietnam?  
 a. Hanoi  
 b. Ho Chi Minh City  
 c. Da Nang  
 d. Haiphong

15. Which is the capital of Laos?  
 a. Vientiane  
 b. Luang Prabang  
 c. Xieng Khouang  
 d. Savanet

16. Which is the capital of Cambodia?  
 a. Phnom Penh  
 b. Siem Reap  
 c. Battambang  
 d. Kampong Cham

17. Which is the capital of Thailand?  
 a. Bangkok  
 b. Chiang Mai  
 c. Phuket  
 d. Krabi

18. Which is the capital of Myanmar?  
 a. Nay Pyi Taw  
 b. Yangon  
 c. Mandalay  
 d. Bhamo

19. Which is the capital of Nepal?  
 a. Kathmandu  
 b. Pokhara  
 c. Biratnagar  
 d. Lalitpur

20. Which is the capital of Bhutan?  
 a. Thimphu  
 b. Paro  
 c. Gangtok  
 d. Jakar

21. Which is the capital of Mongolia?  
 a. Ulaanbaatar  
 b. Erdenet  
 c. Darkhan-Uul  
 d. Khovd

22. Which is the capital of Kazakhstan?  
 a. Astana  
 b. Almaty  
 c. Nur-Sultan  
 d. Aktau

23. Which is the capital of Kyrgyzstan?  
 a. Bishkek  
 b. Osh  
 c. Naryn  
 d. Chirchik

24. Which is the capital of Uzbekistan?  
 a. Tashkent  
 b. Samarkand  
 c. Bukhara  
 d. Fergana

25. Which is the capital of Turkmenistan?  
 a. Ashgabat  
 b. Dushanbe  
 c. Merv  
 d. Herat

26. Which is the capital of Tajikistan?  
 a. Dushanbe  
 b. Bishkek  
 c. Tashkent  
 d. Samarkand

27. Which is the capital of Afghanistan?  
 a. Kabul  
 b. Kandahar  
 c. Herat  
 d. Mazar-i-Sharif

28. Which is the capital of Pakistan?  
 a. Islamabad  
 b. Lahore  
 c. Karachi  
 d. Rawalpindi

29. Which is the capital of Bangladesh?  
 a. Dhaka  
 b. Chittagong  
 c. Comilla  
 d. Rajshahi

30. Which is the capital of Sri Lanka?  
 a. Colombo  
 b. Kandy  
 c. Galle  
 d. Trincomalee

31. Which is the capital of Maldives?  
 a. Malé  
 b. Addu  
 c. Haa Alé  
 d. Kulhudimuff

32. Which is the capital of Brunei?  
 a. Bandar Seri Begawan  
 b. Kuching  
 c. Miri  
 d. Kota Bharu

33. Which is the capital of Timor-Leste?  
 a. Dili  
 b. Baucau  
 c. Viqueque  
 d. Suai

34. Which is the capital of East Timor?  
 a. Dili  
 b. Baucau  
 c. Viqueque  
 d. Suai

35. Which is the capital of Cambodia?  
 a. Phnom Penh  
 b. Siem Reap  
 c. Battambang  
 d. Kampong Cham

36. Which is the capital of Thailand?  
 a. Bangkok  
 b. Chiang Mai  
 c. Phuket  
 d. Krabi

37. Which is the capital of Myanmar?  
 a. Nay Pyi Taw  
 b. Yangon  
 c. Mandalay  
 d. Bhamo

38. Which is the capital of Nepal?  
 a. Kathmandu  
 b. Pokhara  
 c. Biratnagar  
 d. Lalitpur

39. Which is the capital of Bhutan?  
 a. Thimphu  
 b. Paro  
 c. Gangtok  
 d. Jakar

40. Which is the capital of Mongolia?  
 a. Ulaanbaatar  
 b. Erdenet  
 c. Darkhan-Uul  
 d. Khovd

41. Which is the capital of Kazakhstan?  
 a. Astana  
 b. Almaty  
 c. Nur-Sultan  
 d. Aktau

42. Which is the capital of Kyrgyzstan?  
 a. Bishkek  
 b. Osh  
 c. Naryn  
 d. Chirchik

43. Which is the capital of Uzbekistan?  
 a. Tashkent  
 b. Samarkand  
 c. Bukhara  
 d. Fergana

44. Which is the capital of Turkmenistan?  
 a. Ashgabat  
 b. Dushanbe  
 c. Merv  
 d. Herat

45. Which is the capital of Tajikistan?  
 a. Dushanbe  
 b. Bishkek  
 c. Tashkent  
 d. Samarkand

46. Which is the capital of Afghanistan?  
 a. Kabul  
 b. Kandahar  
 c. Herat  
 d. Mazar-i-Sharif

47. Which is the capital of Pakistan?  
 a. Islamabad  
 b. Lahore  
 c. Karachi  
 d. Rawalpindi

48. Which is the capital of Bangladesh?  
 a. Dhaka  
 b. Chittagong  
 c. Comilla  
 d. Rajshahi

49. Which is the capital of Sri Lanka?  
 a. Colombo  
 b. Kandy  
 c. Galle  
 d. Trincomalee

50. Which is the capital of Maldives?  
 a. Malé  
 b. Addu  
 c. Haa Alé  
 d. Kulhudimuff

51. Which is the capital of Brunei?  
 a. Bandar Seri Begawan  
 b. Kuching  
 c. Miri  
 d. Kota Bharu

52. Which is the capital of Timor-Leste?  
 a. Dili  
 b. Baucau  
 c. Viqueque  
 d. Suai

53. Which is the capital of East Timor?  
 a. Dili  
 b. Baucau  
 c. Viqueque  
 d. Suai

1. Which is the capital of Canada?  
 a. Ottawa  
 b. Toronto  
 c. Montreal  
 d. Vancouver

2. Which is the capital of the United States?  
 a. Washington  
 b. New York  
 c. Los Angeles  
 d. Chicago

3. Which is the capital of France?  
 a. Paris  
 b. London  
 c. Rome  
 d. Berlin

4. Which is the capital of Germany?  
 a. Berlin  
 b. Frankfurt  
 c. Munich  
 d. Cologne

5. Which is the capital of Italy?  
 a. Rome  
 b. Milan  
 c. Venice  
 d. Florence

6. Which is the capital of Spain?  
 a. Madrid  
 b. Barcelona  
 c. Seville  
 d. Valencia

7. Which is the capital of Greece?  
 a. Athens  
 b. Thessaloniki  
 c. Patras  
 d. Ioannina

8. Which is the capital of Russia?  
 a. Moscow  
 b. St. Petersburg  
 c. Novosibirsk  
 d. Yekaterinburg

9. Which is the capital of China?  
 a. Beijing  
 b. Shanghai  
 c. Hong Kong  
 d. Canton

10. Which is the capital of India?  
 a. New Delhi  
 b. Mumbai  
 c. Kolkata  
 d. Chennai

11. Which is the capital of Japan?  
 a. Tokyo  
 b. Osaka  
 c. Kyoto  
 d. Hiroshima

12. Which is the capital of South Korea?  
 a. Seoul  
 b. Busan  
 c. Incheon  
 d. Daegu

13. Which is the capital of North Korea?  
 a. Pyongyang  
 b. Wonsan  
 c. Hamhung  
 d. Chongjin

14. Which is the capital of Vietnam?  
 a. Hanoi  
 b. Ho Chi Minh City  
 c. Da Nang  
 d. Haiphong

15. Which is the capital of Laos?  
 a. Vientiane  
 b. Luang Prabang  
 c. Xieng Khouang  
 d. Savanet

16. Which is the capital of Cambodia?  
 a. Phnom Penh  
 b. Siem Reap  
 c. Battambang  
 d. Kampong Cham

17. Which is the capital of Thailand?  
 a. Bangkok  
 b. Chiang Mai  
 c. Phuket  
 d. Krabi

18. Which is the capital of Myanmar?  
 a. Nay Pyi Taw  
 b. Yangon  
 c. Mandalay  
 d. Bhamo

19. Which is the capital of Nepal?  
 a. Kathmandu  
 b. Pokhara  
 c. Biratnagar  
 d. Lalitpur

20. Which is the capital of Bhutan?  
 a. Thimphu  
 b. Paro  
 c. Gangtok  
 d. Jakar

21. Which is the capital of Mongolia?  
 a. Ulaanbaatar  
 b. Erdenet  
 c. Darkhan-Uul  
 d. Khovd

22. Which is the capital of Kazakhstan?  
 a. Astana  
 b. Almaty  
 c. Nur-Sultan  
 d. Aktau

23. Which is the capital of Kyrgyzstan?  
 a. Bishkek  
 b. Osh  
 c. Naryn  
 d. Chirchik

24. Which is the capital of Uzbekistan?  
 a. Tashkent  
 b. Samarkand  
 c. Bukhara  
 d. Fergana

25. Which is the capital of Turkmenistan?  
 a. Ashgabat  
 b. Dushanbe  
 c. Merv  
 d. Herat

26. Which is the capital of Tajikistan?  
 a. Dushanbe  
 b. Bishkek  
 c. Tashkent  
 d. Samarkand

27. Which is the capital of Afghanistan?  
 a. Kabul  
 b. Kandahar  
 c. Herat  
 d. Mazar-i-Sharif

28. Which is the capital of Pakistan?  
 a. Islamabad  
 b. Lahore  
 c. Karachi  
 d. Rawalpindi

29. Which is the capital of Bangladesh?  
 a. Dhaka  
 b. Chittagong  
 c. Comilla  
 d. Rajshahi

30. Which is the capital of Sri Lanka?  
 a. Colombo  
 b. Kandy  
 c. Galle  
 d. Trincomalee

31. Which is the capital of Maldives?  
 a. Malé  
 b. Addu  
 c. Haa Alé  
 d. Kulhudimuff

32. Which is the capital of Brunei?  
 a. Bandar Seri Begawan  
 b. Kuching  
 c. Miri  
 d. Kota Bharu

33. Which is the capital of Timor-Leste?  
 a. Dili  
 b. Baucau  
 c. Viqueque  
 d. Suai

34. Which is the capital of East Timor?  
 a. Dili  
 b. Baucau  
 c. Viqueque  
 d. Suai











## DISTINCTIVE NAMES OF COUNTRIES, CITIES

1. Which of the following is a country?

- a. London  
b. Paris  
c. New York  
d. Washington

2. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

3. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

4. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

5. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

6. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

7. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

8. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

9. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

10. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

11. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

12. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

13. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

14. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

15. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

16. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

17. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

18. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

19. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

20. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

21. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

22. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

23. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

24. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

25. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

26. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

27. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

28. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

29. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

30. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

31. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

32. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

33. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

34. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

35. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

36. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

37. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

38. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

39. Which of the following is a city?

- a. London  
b. Paris  
c. New York  
d. Washington

40. Which of the following is a city?

- a. France  
b. Germany  
c. Italy  
d. Spain

### ANSWERS

1. d

2. a

3. a

4. a

5. a

6. a

7. a

8. a

9. a

10. a

11. a

12. a

13. a

14. a

15. a

16. a

17. a

18. a

19. a

20. a

21. a

22. a

23. a

24. a

25. a

26. a

27. a

28. a

29. a

30. a

31. a

32. a

33. a

34. a

35. a

36. a

37. a

38. a

39. a

40. a

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner



[illegible]

1

6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1. <u>100</u>	2. <u>100</u>
3. <u>100</u>	4. <u>100</u>
5. <u>100</u>	6. <u>100</u>
7. <u>100</u>	8. <u>100</u>
9. <u>100</u>	10. <u>100</u>
11. <u>100</u>	12. <u>100</u>
13. <u>100</u>	14. <u>100</u>
15. <u>100</u>	16. <u>100</u>
17. <u>100</u>	18. <u>100</u>
19. <u>100</u>	20. <u>100</u>
21. <u>100</u>	22. <u>100</u>
23. <u>100</u>	24. <u>100</u>
25. <u>100</u>	26. <u>100</u>
27. <u>100</u>	28. <u>100</u>
29. <u>100</u>	30. <u>100</u>
31. <u>100</u>	32. <u>100</u>
33. <u>100</u>	34. <u>100</u>
35. <u>100</u>	36. <u>100</u>
37. <u>100</u>	38. <u>100</u>
39. <u>100</u>	40. <u>100</u>
41. <u>100</u>	42. <u>100</u>
43. <u>100</u>	44. <u>100</u>
45. <u>100</u>	46. <u>100</u>
47. <u>100</u>	48. <u>100</u>
49. <u>100</u>	50. <u>100</u>
51. <u>100</u>	52. <u>100</u>
53. <u>100</u>	54. <u>100</u>
55. <u>100</u>	56. <u>100</u>
57. <u>100</u>	58. <u>100</u>
59. <u>100</u>	60. <u>100</u>
61. <u>100</u>	62. <u>100</u>
63. <u>100</u>	64. <u>100</u>
65. <u>100</u>	66. <u>100</u>
67. <u>100</u>	68. <u>100</u>
69. <u>100</u>	70. <u>100</u>
71. <u>100</u>	72. <u>100</u>
73. <u>100</u>	74. <u>100</u>
75. <u>100</u>	76. <u>100</u>
77. <u>100</u>	78. <u>100</u>
79. <u>100</u>	80. <u>100</u>
81. <u>100</u>	82. <u>100</u>
83. <u>100</u>	84. <u>100</u>
85. <u>100</u>	86. <u>100</u>
87. <u>100</u>	88. <u>100</u>
89. <u>100</u>	90. <u>100</u>
91. <u>100</u>	92. <u>100</u>
93. <u>100</u>	94. <u>100</u>
95. <u>100</u>	96. <u>100</u>
97. <u>100</u>	98. <u>100</u>
99. <u>100</u>	100. <u>100</u>

1. What is the purpose of the study?  
 2. What are the research objectives?  
 3. What is the research methodology?  
 4. What are the results of the study?  
 5. What are the conclusions of the study?

1. The purpose of this study is to determine the effect of the program on the students' self-esteem.

© 1999 by The McGraw-Hill Companies, Inc. All rights reserved. Printed in the United States of America. This publication is protected by copyright. Any unauthorized reproduction or distribution, in any form or by any means, without the prior written permission of The McGraw-Hill Companies, Inc., is prohibited. This consent does not extend to multiple copying for promotional or other special sales. ISBN 0-07-059555-5

7. What is the difference between a primary and a secondary source?

a. Primary source: a source that provides original information.  
b. Secondary source: a source that provides information about a primary source.

1. What is the purpose of the study?  
 2. What are the research objectives?  
 3. What is the research methodology?  
 4. What are the results of the study?  
 5. What are the conclusions of the study?

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

1. What is the purpose of the study?  
 2. What are the research objectives?  
 3. What is the scope of the study?  
 4. What are the limitations of the study?  
 5. What is the significance of the study?

6. *What is the purpose of the study?*

2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

Scanned with CamScanner

Scanned with CamScanner



the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

the original City is the estimated value of

# ANSWERS

1	21	8	4	5
2	3	8	9	0
3	4	17	4	18
4	7	12	5	21
5	4	7	4	24
6	11	24	11	31
7	11	31	14	31
8	37	38	34	4
9	52	4	64	64

		Classification Summary of Individuals																				Other	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Age	Sex	Mar	Rel	Occ	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man	Wom	Child	Adm	Prof	Ind	Man



## 454

[illegible][illegible]











1. Name the first person who reached the Americas in 1492.  
 a. Christopher Columbus  
 b. Vasco da Gama  
 c. Bartolomeu Dias  
 d. Ferdinand Magellan
2. Name the first person who discovered Jamaica in 1494.  
 a. Christopher Columbus  
 b. Vasco da Gama  
 c. Bartolomeu Dias  
 d. Ferdinand Magellan
3. Name the first person to discover Cuba in 1492.  
 a. Christopher Columbus  
 b. Vasco da Gama  
 c. Bartolomeu Dias  
 d. Ferdinand Magellan
4. Name the first person to discover the Gulf of Mexico in 1492.  
 a. Christopher Columbus  
 b. Vasco da Gama  
 c. Bartolomeu Dias  
 d. Ferdinand Magellan

Christopher Columbus who discovered the Americas in 1492.  
 He was a Spanish explorer and navigator who completed four voyages across the Atlantic Ocean, opening the way for European exploration and colonization of the Americas.

ANSWERS

1. b  
 2. a  
 3. a  
 4. a
5. b  
 6. c  
 7. d  
 8. a  
 9. b  
 10. c  
 11. d  
 12. a  
 13. b  
 14. c  
 15. d  
 16. a  
 17. b  
 18. c  
 19. d  
 20. a  
 21. b  
 22. c  
 23. d  
 24. a  
 25. b  
 26. c  
 27. d  
 28. a  
 29. b  
 30. c  
 31. d  
 32. a  
 33. b  
 34. c  
 35. d  
 36. a  
 37. b  
 38. c  
 39. d  
 40. a  
 41. b  
 42. c  
 43. d  
 44. a  
 45. b  
 46. c  
 47. d  
 48. a  
 49. b  
 50. c  
 51. d  
 52. a  
 53. b  
 54. c  
 55. d  
 56. a  
 57. b  
 58. c  
 59. d  
 60. a  
 61. b  
 62. c  
 63. d  
 64. a  
 65. b  
 66. c  
 67. d  
 68. a  
 69. b  
 70. c  
 71. d  
 72. a  
 73. b  
 74. c  
 75. d  
 76. a  
 77. b  
 78. c  
 79. d  
 80. a  
 81. b  
 82. c  
 83. d  
 84. a  
 85. b  
 86. c  
 87. d  
 88. a  
 89. b  
 90. c  
 91. d  
 92. a  
 93. b  
 94. c  
 95. d  
 96. a  
 97. b  
 98. c  
 99. d  
 100. a

RELIGIONS OF THE WORLD

Basic Information on Various Religions

Religion	Origin	Founders	Beliefs	Practices	% of World
Hinduism	India	Unknown	Belief in reincarnation and karma	Yoga, meditation, rituals	15%
Buddhism	India	Buddha	Belief in the Four Noble Truths and the Eightfold Path	Meditation, monastic life	7%
Judaism	Israel	Moses	Belief in one God and the Torah	Observance of commandments, kosher laws	0.2%
Christianity	Middle East	Jesus Christ	Belief in Jesus as the Son of God and his resurrection	Church services, sacraments	31%
Islam	Arabia	Muhammad	Belief in one God (Allah) and the Prophet Muhammad	Prayer, fasting, charity	24%
Sikhism	India	Nanak	Belief in one God and the Guru Granth Sahib	Prayer, community service	0.5%
Jainism	India	Unknown	Belief in non-violence and the path of righteousness	Prayer, vegetarianism	0.05%
Yoruba Religion	Nigeria	Unknown	Belief in many gods and the concept of destiny	Rituals, divination	10%
Vodun	West Africa	Unknown	Belief in many gods and the concept of destiny	Rituals, divination	10%
Santería	Cuba	Unknown	Belief in many gods and the concept of destiny	Rituals, divination	10%
Candomblé	Brazil	Unknown	Belief in many gods and the concept of destiny	Rituals, divination	10%
Umbanda	Brazil	Unknown	Belief in many gods and the concept of destiny	Rituals, divination	10%
Macumba	Brazil	Unknown	Belief in many gods and the concept of destiny	Rituals, divination	10%
Trinidadian Religion	Trinidad and Tobago	Unknown	Belief in many gods and the concept of destiny	Rituals, divination	10%
Rastafarianism	Jamaica	Unknown	Belief in Haile Selassie as the Messiah	Prayer, meditation	1%

MCQs

- Which is the world's oldest religion?  
 a. Buddhism  
 b. Hinduism  
 c. Christianity  
 d. Islam
- Which is the largest religion in the world?  
 a. Buddhism  
 b. Christianity  
 c. Hinduism  
 d. Islam
- When was Buddhism founded?  
 a. 5th BC  
 b. 4th BC  
 c. 3rd BC  
 d. 2nd BC
- Match the following:  
 1. Yoga  
 2. Meditation  
 3. Karma  
 4. Dharma  
 a. Hinduism  
 b. Buddhism  
 c. Christianity  
 d. Islam
- Who was the founder of Christianity?  
 a. Jesus Christ  
 b. Muhammad  
 c. Buddha  
 d. Confucius
- Confucianism is the origin religion of  
 a. China  
 b. India  
 c. Japan  
 d. Korea
- Which of the following is not a religion?  
 a. Buddhism  
 b. Christianity  
 c. Hinduism  
 d. Islam
- Which of the following is not a practice of Buddhism?  
 a. Meditation  
 b. Yoga  
 c. Karma  
 d. Dharma
- Which of the following is not a belief of Christianity?  
 a. Jesus Christ  
 b. Muhammad  
 c. Buddha  
 d. Confucius
- Which of the following is not a practice of Islam?  
 a. Prayer  
 b. Fasting  
 c. Charity  
 d. Pilgrimage
- Which of the following is not a belief of Sikhism?  
 a. One God  
 b. Guru Granth Sahib  
 c. Karma  
 d. Dharma
- Which of the following is not a practice of Jainism?  
 a. Non-violence  
 b. Vegetarianism  
 c. Meditation  
 d. Yoga
- Which of the following is not a belief of Yoruba Religion?  
 a. Many gods  
 b. Destiny  
 c. Karma  
 d. Dharma
- Which of the following is not a practice of Vodun?  
 a. Rituals  
 b. Divination  
 c. Meditation  
 d. Yoga
- Which of the following is not a belief of Santería?  
 a. Many gods  
 b. Destiny  
 c. Karma  
 d. Dharma
- Which of the following is not a practice of Candomblé?  
 a. Rituals  
 b. Divination  
 c. Meditation  
 d. Yoga
- Which of the following is not a belief of Umbanda?  
 a. Many gods  
 b. Destiny  
 c. Karma  
 d. Dharma
- Which of the following is not a practice of Macumba?  
 a. Rituals  
 b. Divination  
 c. Meditation  
 d. Yoga
- Which of the following is not a belief of Trinidadian Religion?  
 a. Many gods  
 b. Destiny  
 c. Karma  
 d. Dharma
- Which of the following is not a practice of Rastafarianism?  
 a. Prayer  
 b. Meditation  
 c. Yoga  
 d. Karma



# EMPIRES & DYNASTIES

1. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

2. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

3. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

4. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

5. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

6. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

7. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

8. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

9. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

10. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

11. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

12. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

13. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

14. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

15. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

16. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

17. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

18. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

19. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

20. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

21. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

22. Which of the following was not an empire in 300 B.C.?

a. Macedonia b. Persia c. Rome d. Greece

## ANSWERS

1	a	2	b	3	c	4	d
5	a	6	b	7	c	8	d
9	a	10	b	11	c	12	d
13	a	14	b	15	c	16	d
17	a	18	b	19	c	20	d
21	a	22	b	23	c	24	d
25	a	26	b	27	c	28	d
29	a	30	b	31	c	32	d



1. The first part of the document is a list of names and addresses, including "Mr. J. H. Smith, 123 Main St., New York, N. Y." and "Mrs. A. B. Jones, 456 Elm St., New York, N. Y.".
2. The second part of the document is a list of names and addresses, including "Mr. C. D. Brown, 789 Main St., New York, N. Y." and "Mrs. E. F. Green, 101 Elm St., New York, N. Y.".
3. The third part of the document is a list of names and addresses, including "Mr. G. H. White, 234 Main St., New York, N. Y." and "Mrs. I. J. Black, 567 Elm St., New York, N. Y.".
4. The fourth part of the document is a list of names and addresses, including "Mr. K. L. Gray, 890 Main St., New York, N. Y." and "Mrs. M. N. Blue, 123 Elm St., New York, N. Y.".
5. The fifth part of the document is a list of names and addresses, including "Mr. O. P. Red, 456 Main St., New York, N. Y." and "Mrs. Q. R. Yellow, 789 Elm St., New York, N. Y.".
6. The sixth part of the document is a list of names and addresses, including "Mr. S. T. Purple, 101 Main St., New York, N. Y." and "Mrs. U. V. Green, 234 Elm St., New York, N. Y.".
7. The seventh part of the document is a list of names and addresses, including "Mr. W. X. Blue, 567 Main St., New York, N. Y." and "Mrs. Y. Z. Red, 890 Elm St., New York, N. Y.".
8. The eighth part of the document is a list of names and addresses, including "Mr. A. B. Yellow, 123 Main St., New York, N. Y." and "Mrs. C. D. Purple, 456 Elm St., New York, N. Y.".
9. The ninth part of the document is a list of names and addresses, including "Mr. E. F. Green, 789 Main St., New York, N. Y." and "Mrs. G. H. Blue, 101 Elm St., New York, N. Y.".
10. The tenth part of the document is a list of names and addresses, including "Mr. I. J. Black, 234 Main St., New York, N. Y." and "Mrs. K. L. Gray, 567 Elm St., New York, N. Y.".
11. The eleventh part of the document is a list of names and addresses, including "Mr. M. N. Blue, 890 Main St., New York, N. Y." and "Mrs. O. P. Red, 123 Elm St., New York, N. Y.".
12. The twelfth part of the document is a list of names and addresses, including "Mr. Q. R. Yellow, 456 Main St., New York, N. Y." and "Mrs. S. T. Purple, 789 Elm St., New York, N. Y.".
13. The thirteenth part of the document is a list of names and addresses, including "Mr. U. V. Green, 101 Main St., New York, N. Y." and "Mrs. W. X. Blue, 234 Elm St., New York, N. Y.".
14. The fourteenth part of the document is a list of names and addresses, including "Mr. Y. Z. Red, 567 Main St., New York, N. Y." and "Mrs. A. B. Yellow, 890 Elm St., New York, N. Y.".
15. The fifteenth part of the document is a list of names and addresses, including "Mr. C. D. Purple, 123 Main St., New York, N. Y." and "Mrs. E. F. Green, 456 Elm St., New York, N. Y.".
16. The sixteenth part of the document is a list of names and addresses, including "Mr. G. H. Blue, 789 Main St., New York, N. Y." and "Mrs. I. J. Black, 101 Elm St., New York, N. Y.".
17. The seventeenth part of the document is a list of names and addresses, including "Mr. K. L. Gray, 234 Main St., New York, N. Y." and "Mrs. M. N. Blue, 567 Elm St., New York, N. Y.".
18. The eighteenth part of the document is a list of names and addresses, including "Mr. O. P. Red, 890 Main St., New York, N. Y." and "Mrs. Q. R. Yellow, 123 Elm St., New York, N. Y.".
19. The nineteenth part of the document is a list of names and addresses, including "Mr. S. T. Purple, 456 Main St., New York, N. Y." and "Mrs. U. V. Green, 789 Elm St., New York, N. Y.".
20. The twentieth part of the document is a list of names and addresses, including "Mr. W. X. Blue, 101 Main St., New York, N. Y." and "Mrs. Y. Z. Red, 234 Elm St., New York, N. Y.".
21. The twenty-first part of the document is a list of names and addresses, including "Mr. A. B. Yellow, 567 Main St., New York, N. Y." and "Mrs. C. D. Purple, 890 Elm St., New York, N. Y.".
22. The twenty-second part of the document is a list of names and addresses, including "Mr. E. F. Green, 123 Main St., New York, N. Y." and "Mrs. G. H. Blue, 456 Elm St., New York, N. Y.".
23. The twenty-third part of the document is a list of names and addresses, including "Mr. I. J. Black, 789 Main St., New York, N. Y." and "Mrs. K. L. Gray, 101 Elm St., New York, N. Y.".
24. The twenty-fourth part of the document is a list of names and addresses, including "Mr. M. N. Blue, 234 Main St., New York, N. Y." and "Mrs. O. P. Red, 567 Elm St., New York, N. Y.".
25. The twenty-fifth part of the document is a list of names and addresses, including "Mr. Q. R. Yellow, 890 Main St., New York, N. Y." and "Mrs. S. T. Purple, 123 Elm St., New York, N. Y.".
26. The twenty-sixth part of the document is a list of names and addresses, including "Mr. U. V. Green, 456 Main St., New York, N. Y." and "Mrs. W. X. Blue, 789 Elm St., New York, N. Y.".
27. The twenty-seventh part of the document is a list of names and addresses, including "Mr. Y. Z. Red, 101 Main St., New York, N. Y." and "Mrs. A. B. Yellow, 234 Elm St., New York, N. Y.".
28. The twenty-eighth part of the document is a list of names and addresses, including "Mr. C. D. Purple, 567 Main St., New York, N. Y." and "Mrs. E. F. Green, 890 Elm St., New York, N. Y.".
29. The twenty-ninth part of the document is a list of names and addresses, including "Mr. G. H. Blue, 123 Main St., New York, N. Y." and "Mrs. I. J. Black, 456 Elm St., New York, N. Y.".
30. The thirtieth part of the document is a list of names and addresses, including "Mr. K. L. Gray, 789 Main St., New York, N. Y." and "Mrs. M. N. Blue, 101 Elm St., New York, N. Y.".
31. The thirty-first part of the document is a list of names and addresses, including "Mr. O. P. Red, 234 Main St., New York, N. Y." and "Mrs. Q. R. Yellow, 567 Elm St., New York, N. Y.".
32. The thirty-second part of the document is a list of names and addresses, including "Mr. S. T. Purple, 890 Main St., New York, N. Y." and "Mrs. U. V. Green, 123 Elm St., New York, N. Y.".
33. The thirty-third part of the document is a list of names and addresses, including "Mr. W. X. Blue, 456 Main St., New York, N. Y." and "Mrs. Y. Z. Red, 789 Elm St., New York, N. Y.".
34. The thirty-fourth part of the document is a list of names and addresses, including "Mr. A. B. Yellow, 101 Main St., New York, N. Y." and "Mrs. C. D. Purple, 234 Elm St., New York, N. Y.".
35. The thirty-fifth part of the document is a list of names and addresses, including "Mr. E. F. Green, 567 Main St., New York, N. Y." and "Mrs. G. H. Blue, 890 Elm St., New York, N. Y.".
36. The thirty-sixth part of the document is a list of names and addresses, including "Mr. I. J. Black, 123 Main St., New York, N. Y." and "Mrs. K. L. Gray, 456 Elm St., New York, N. Y.".
37. The thirty-seventh part of the document is a list of names and addresses, including "Mr. M. N. Blue, 789 Main St., New York, N. Y." and "Mrs. O. P. Red, 101 Elm St., New York, N. Y.".
38. The thirty-eighth part of the document is a list of names and addresses, including "Mr. Q. R. Yellow, 234 Main St., New York, N. Y." and "Mrs. S. T. Purple, 567 Elm St., New York, N. Y.".
39. The thirty-ninth part of the document is a list of names and addresses, including "Mr. U. V. Green, 890 Main St., New York, N. Y." and "Mrs. W. X. Blue, 123 Elm St., New York, N. Y.".
40. The fortieth part of the document is a list of names and addresses, including "Mr. Y. Z. Red, 456 Main St., New York, N. Y." and "Mrs. A. B. Yellow, 789 Elm St., New York, N. Y.".
41. The forty-first part of the document is a list of names and addresses, including "Mr. C. D. Purple, 101 Main St., New York, N. Y." and "Mrs. E. F. Green, 234 Elm St., New York, N. Y.".
42. The forty-second part of the document is a list of names and addresses, including "Mr. G. H. Blue, 567 Main St., New York, N. Y." and "Mrs. I. J. Black, 890 Elm St., New York, N. Y.".
43. The forty-third part of the document is a list of names and addresses, including "Mr. K. L. Gray, 123 Main St., New York, N. Y." and "Mrs. M. N. Blue, 456 Elm St., New York, N. Y.".
44. The forty-fourth part of the document is a list of names and addresses, including "Mr. O. P. Red, 789 Main St., New York, N. Y." and "Mrs. Q. R. Yellow, 101 Elm St., New York, N. Y.".
45. The forty-fifth part of the document is a list of names and addresses, including "Mr. S. T. Purple, 234 Main St., New York, N. Y." and "Mrs. U. V. Green, 567 Elm St., New York, N. Y.".
46. The forty-sixth part of the document is a list of names and addresses, including "Mr. W. X. Blue, 890 Main St., New York, N. Y." and "Mrs. Y. Z. Red, 123 Elm St., New York, N. Y.".
47. The forty-seventh part of the document is a list of names and addresses, including "Mr. A. B. Yellow, 456 Main St., New York, N. Y." and "Mrs. C. D. Purple, 789 Elm St., New York, N. Y.".
48. The forty-eighth part of the document is a list of names and addresses, including "Mr. E. F. Green, 101 Main St., New York, N. Y." and "Mrs. G. H. Blue, 234 Elm St., New York, N. Y.".
49. The forty-ninth part of the document is a list of names and addresses, including "Mr. I. J. Black, 567 Main St., New York, N. Y." and "Mrs. K. L. Gray, 890 Elm St., New York, N. Y.".
50. The fiftieth part of the document is a list of names and addresses, including "Mr. M. N. Blue, 123 Main St., New York, N. Y." and "Mrs. O. P. Red, 456 Elm St., New York, N. Y.".
51. The fifty-first part of the document is a list of names and addresses, including "Mr. Q. R. Yellow, 789 Main St., New York, N. Y." and "Mrs. S. T. Purple, 101 Elm St., New York, N. Y.".
52. The fifty-second part of the document is a list of names and addresses, including "Mr. U. V. Green, 234 Main St., New York, N. Y." and "Mrs. W. X. Blue, 567 Elm St., New York, N. Y.".
53. The fifty-third part of the document is a list of names and addresses, including "Mr. Y. Z. Red, 890 Main St., New York, N. Y." and "Mrs. A. B. Yellow, 123 Elm St., New York, N. Y.".
54. The fifty-fourth part of the document is a list of names and addresses, including "Mr. C. D. Purple, 456 Main St., New York, N. Y." and "Mrs. E. F. Green, 789 Elm St., New York, N. Y.".
55. The fifty-fifth part of the document is a list of names and addresses, including "Mr. G. H. Blue, 101 Main St., New York, N. Y." and "Mrs. I. J. Black, 234 Elm St., New York, N. Y.".
56. The fifty-sixth part of the document is a list of names and addresses, including "Mr. K. L. Gray, 567 Main St., New York, N. Y." and "Mrs. M. N. Blue, 890 Elm St., New York, N. Y.".
57. The fifty-seventh part of the document is a list of names and addresses, including "Mr. O. P. Red, 123 Main St., New York, N. Y." and "Mrs. Q. R. Yellow, 456 Elm St., New York, N. Y.".
58. The fifty-eighth part of the document is a list of names and addresses, including "Mr. S. T. Purple, 789 Main St., New York, N. Y

- 4) 1) 1/2, 1/3, 1/4, 1/5, 1/6, 1/7, 1/8, 1/9, 1/10, 1/11, 1/12, 1/13, 1/14, 1/15, 1/16, 1/17, 1/18, 1/19, 1/20, 1/21, 1/22, 1/23, 1/24, 1/25, 1/26, 1/27, 1/28, 1/29, 1/30, 1/31, 1/32, 1/33, 1/34, 1/35, 1/36, 1/37, 1/38, 1/39, 1/40, 1/41, 1/42, 1/43, 1/44, 1/45, 1/46, 1/47, 1/48, 1/49, 1/50, 1/51, 1/52, 1/53, 1/54, 1/55, 1/56, 1/57, 1/58, 1/59, 1/60, 1/61, 1/62, 1/63, 1/64, 1/65, 1/66, 1/67, 1/68, 1/69, 1/70, 1/71, 1/72, 1/73, 1/74, 1/75, 1/76, 1/77, 1/78, 1/79, 1/80, 1/81, 1/82, 1/83, 1/84, 1/85, 1/86, 1/87, 1/88, 1/89, 1/90, 1/91, 1/92, 1/93, 1/94, 1/95, 1/96, 1/97, 1/98, 1/99, 1/100, 1/101, 1/102, 1/103, 1/104, 1/105, 1/106, 1/107, 1/108, 1/109, 1/110, 1/111, 1/112, 1/113, 1/114, 1/115, 1/116, 1/117, 1/118, 1/119, 1/120, 1/121, 1/122, 1/123, 1/124, 1/125, 1/126, 1/127, 1/128, 1/129, 1/130, 1/131, 1/132, 1/133, 1/134, 1/135, 1/136, 1/137, 1/138, 1/139, 1/140, 1/141, 1/142, 1/143, 1/144, 1/145, 1/146, 1/147, 1/148, 1/149, 1/150, 1/151, 1/152, 1/153, 1/154, 1/155, 1/156, 1/157, 1/158, 1/159, 1/160, 1/161, 1/162, 1/163, 1/164, 1/165, 1/166, 1/167, 1/168, 1/169, 1/170, 1/171, 1/172, 1/173, 1/174, 1/175, 1/176, 1/177, 1/178, 1/179, 1/180, 1/181, 1/182, 1/183, 1/184, 1/185, 1/186, 1/187, 1/188, 1/189, 1/190, 1/191, 1/192, 1/193, 1/194, 1/195, 1/196, 1/197, 1/198, 1/199, 1/200, 1/201, 1/202, 1/203, 1/204, 1/205, 1/206, 1/207, 1/208, 1/209, 1/210, 1/211, 1/212, 1/213, 1/214, 1/215, 1/216, 1/217, 1/218, 1/219, 1/220, 1/221, 1/222, 1/223, 1/224, 1/225, 1/226, 1/227, 1/228, 1/229, 1/230, 1/231, 1/232, 1/233, 1/234, 1/235, 1/236, 1/237, 1/238, 1/239, 1/240, 1/241, 1/242, 1/243, 1/244, 1/245, 1/246, 1/247, 1/248, 1/249, 1/250, 1/251, 1/252, 1/253, 1/254, 1/255, 1/256, 1/257, 1/258, 1/259, 1/260, 1/261, 1/262, 1/263, 1/264, 1/265, 1/266, 1/267, 1/268, 1/269, 1/270, 1/271, 1/272, 1/273, 1/274, 1/275, 1/276, 1/277, 1/278, 1/279, 1/280, 1/281, 1/282, 1/283, 1/284, 1/285, 1/286, 1/287, 1/288, 1/289, 1/290, 1/291, 1/292, 1/293, 1/294, 1/295, 1/296, 1/297, 1/298, 1/299, 1/300, 1/301, 1/302, 1/303, 1/304, 1/305, 1/306, 1/307, 1/308, 1/309, 1/310, 1/311, 1/312, 1/313, 1/314, 1/315, 1/316, 1/317, 1/318, 1/319, 1/320, 1/321, 1/322, 1/323, 1/324, 1/325, 1/326, 1/327, 1/328, 1/329, 1/330, 1/331, 1/332, 1/333, 1/334, 1/335, 1/336, 1/337, 1/338, 1/339, 1/340, 1/341, 1/342, 1/343, 1/344, 1/345, 1/346, 1/347, 1/348, 1/349, 1/350, 1/351, 1/352, 1/353, 1/354, 1/355, 1/356, 1/357, 1/358, 1/359, 1/360, 1/361, 1/362, 1/363, 1/364, 1/365, 1/366, 1/367, 1/368, 1/369, 1/370, 1/371, 1/372, 1/373, 1/374, 1/375, 1/376, 1/377, 1/378, 1/379, 1/380, 1/381, 1/382, 1/383, 1/384, 1/385, 1/386, 1/387, 1/388, 1/389, 1/390, 1/391, 1/392, 1/393, 1/394, 1/395, 1/396, 1/397, 1/398, 1/399, 1/400, 1/401, 1/402, 1/403, 1/404, 1/405, 1/406, 1/407, 1/408, 1/409, 1/410, 1/411, 1/412, 1/413, 1/414, 1/415, 1/416, 1/417, 1/418, 1/419, 1/420, 1/421, 1/422, 1/423, 1/424, 1/425, 1/426, 1/427, 1/428, 1/429, 1/430, 1/431, 1/432, 1/433, 1/434, 1/435, 1/436, 1/437, 1/438, 1/439, 1/440, 1/441, 1/442, 1/443, 1/444, 1/445, 1/446, 1/447, 1/448, 1/449, 1/450, 1/451, 1/452, 1/453, 1/454, 1/455, 1/456, 1/457, 1/458, 1/459, 1/460, 1/461, 1/462, 1/463, 1/464, 1/465, 1/466, 1/467, 1/468, 1/469, 1/470, 1/471, 1/472, 1/473, 1/474, 1/475, 1/476, 1/477, 1/478, 1/479, 1/480, 1/481, 1/482, 1/483, 1/484, 1/485, 1/486, 1/487, 1/488, 1/489, 1/490, 1/491, 1/492, 1/493, 1/494, 1/495, 1/496, 1/497, 1/498, 1/499, 1/500, 1/501, 1/502, 1/503, 1/504, 1/505, 1/506, 1/507, 1/508, 1/509, 1/510, 1/511, 1/512, 1/513, 1/514, 1/515, 1/516, 1/517, 1/518, 1/519, 1/520, 1/521, 1/522, 1/523, 1/524, 1/525, 1/526, 1/527, 1/528, 1/529, 1/530, 1/531, 1/532, 1/533, 1/534, 1/535, 1/536, 1/537, 1/538, 1/539, 1/540, 1/541, 1/542, 1/543, 1/544, 1/545, 1/546, 1/547, 1/548, 1/549, 1/550, 1/551, 1/552, 1/553, 1/554, 1/555, 1/556, 1/557, 1/558, 1/559, 1/560, 1/561, 1/562, 1/563, 1/564, 1/565, 1/566, 1/567, 1/568, 1/569, 1/570, 1/571, 1/572, 1/573, 1/574, 1/575, 1/576, 1/577, 1/578, 1/579, 1/580, 1/581, 1/582, 1/583, 1/584, 1/585, 1/586, 1/587, 1/588, 1/589, 1/590, 1/591, 1/592, 1/593, 1/594, 1/595, 1/596, 1/597, 1/598, 1/599, 1/600, 1



1. The first part of the document discusses the importance of maintaining accurate records of all transactions, including sales, purchases, and expenses. It emphasizes the need for a systematic approach to record-keeping, such as using a ledger or accounting software, to ensure that all financial data is properly documented and organized.

2. The second part of the document focuses on the process of reconciling bank statements with the company's internal records. It outlines the steps involved in comparing the bank's record of transactions with the company's own records, identifying any discrepancies, and investigating the causes of these differences. This process is crucial for ensuring the accuracy of the company's financial statements and detecting any potential errors or fraud.

3. The third part of the document addresses the issue of budgeting and financial planning. It discusses the importance of setting a realistic budget for the company's operations and using this budget as a tool to monitor and control spending. It also touches on the need for regular financial reviews and adjustments to the budget as the company's needs and market conditions change.

4. The fourth part of the document covers the topic of financial reporting and the preparation of financial statements. It explains the different types of financial statements, such as the balance sheet, income statement, and cash flow statement, and provides guidance on how to prepare these statements accurately and in accordance with applicable accounting standards.

5. The final part of the document discusses the importance of maintaining good financial relationships with external parties, such as banks, suppliers, and customers. It emphasizes the need for transparency, timely communication, and adherence to contractual obligations to build trust and ensure the smooth operation of the company's financial affairs.

1. What is the purpose of the study?  
The purpose of the study is to determine the effect of the independent variable on the dependent variable.

2. What is the research hypothesis?  
The research hypothesis is that the independent variable has a positive effect on the dependent variable.

3. What is the null hypothesis?  
The null hypothesis is that the independent variable has no effect on the dependent variable.

4. What is the significance level?  
The significance level is set at 0.05.

5. What is the sample size?  
The sample size is 100.

6. What is the data collection method?  
The data collection method is a survey.

7. What is the data analysis method?  
The data analysis method is a t-test.

8. What is the conclusion?  
The conclusion is that the independent variable has a significant positive effect on the dependent variable.

9. What are the limitations of the study?  
The limitations of the study are that the sample size is small and the data collection method is a survey.

10. What are the future research directions?  
The future research directions are to increase the sample size and use a more rigorous data collection method.

11. What is the overall summary of the study?  
The overall summary of the study is that the independent variable has a significant positive effect on the dependent variable.

12. What is the final conclusion?  
The final conclusion is that the independent variable has a significant positive effect on the dependent variable.

13. What is the overall summary of the study?  
The overall summary of the study is that the independent variable has a significant positive effect on the dependent variable.

14. What is the final conclusion?  
The final conclusion is that the independent variable has a significant positive effect on the dependent variable.

15. What is the overall summary of the study?  
The overall summary of the study is that the independent variable has a significant positive effect on the dependent variable.

16. What is the final conclusion?  
The final conclusion is that the independent variable has a significant positive effect on the dependent variable.

17. What is the overall summary of the study?  
The overall summary of the study is that the independent variable has a significant positive effect on the dependent variable.

18. What is the final conclusion?  
The final conclusion is that the independent variable has a significant positive effect on the dependent variable.

19. What is the overall summary of the study?  
The overall summary of the study is that the independent variable has a significant positive effect on the dependent variable.

20. What is the final conclusion?  
The final conclusion is that the independent variable has a significant positive effect on the dependent variable.

[illegible][illegible]



[illegible]



WORLD FAMOUS LINES

[illegible][illegible]

人財5700名 費2

[illegible]

## PARLIAMENTS

[illegible][illegible]



[illegible][illegible]



[illegible]

72	2. Die folgenden Begriffe sind zu erklären:	
	a) Kalkulation	b) Abschreibung
	c) Liquidation	d) Bilanz
73	1. Was ist die Aufgabe der Bilanz?	
	a) Sie zeigt den Vermögensstand eines Unternehmens zu einem bestimmten Zeitpunkt.	
	b) Sie zeigt den Erfolg eines Unternehmens über einen bestimmten Zeitraum.	
	c) Sie zeigt die Zahlungsströme eines Unternehmens.	
	d) Sie zeigt die Liquidität eines Unternehmens.	
74	2. Wie wird die Bilanz erstellt?	
	a) Durch die Addition aller Vermögensgegenstände.	
	b) Durch die Subtraktion aller Verbindlichkeiten vom Vermögen.	
	c) Durch die Multiplikation aller Vermögensgegenstände mit dem Kalkulationskoeffizienten.	
	d) Durch die Division aller Vermögensgegenstände durch die Anzahl der Mitarbeiter.	
75	3. Welche Aufgaben hat die Bilanz?	
	a) Sie dient der Informationsgewinnung für die Unternehmensleitung.	
	b) Sie dient der Informationsgewinnung für die Öffentlichkeit.	
	c) Sie dient der Informationsgewinnung für die Steuerbehörden.	
	d) Sie dient der Informationsgewinnung für die Kreditgeber.	
76	4. Wie wird die Bilanz in der Praxis genutzt?	
	a) Sie wird zur Berechnung der Liquidität genutzt.	
	b) Sie wird zur Berechnung der Rentabilität genutzt.	
	c) Sie wird zur Berechnung der Verschuldung genutzt.	
	d) Sie wird zur Berechnung der Eigenkapitalquote genutzt.	
77	5. Welche Bedeutung hat die Bilanz für die Unternehmensleitung?	
	a) Sie ist ein wichtiges Instrument zur Steuerung des Unternehmens.	
	b) Sie ist ein wichtiges Instrument zur Kontrolle des Unternehmens.	
	c) Sie ist ein wichtiges Instrument zur Kommunikation mit der Öffentlichkeit.	
	d) Sie ist ein wichtiges Instrument zur Kommunikation mit den Kreditgebern.	
78	6. Welche Bedeutung hat die Bilanz für die Öffentlichkeit?	
	a) Sie ist ein wichtiges Instrument zur Bewertung des Unternehmens.	
	b) Sie ist ein wichtiges Instrument zur Kontrolle des Unternehmens.	
	c) Sie ist ein wichtiges Instrument zur Kommunikation mit der Öffentlichkeit.	
	d) Sie ist ein wichtiges Instrument zur Kommunikation mit den Kreditgebern.	
79	7. Welche Bedeutung hat die Bilanz für die Steuerbehörden?	
	a) Sie ist ein wichtiges Instrument zur Berechnung der Steuern.	
	b) Sie ist ein wichtiges Instrument zur Kontrolle des Unternehmens.	
	c) Sie ist ein wichtiges Instrument zur Kommunikation mit der Öffentlichkeit.	
	d) Sie ist ein wichtiges Instrument zur Kommunikation mit den Kreditgebern.	
80	8. Welche Bedeutung hat die Bilanz für die Kreditgeber?	
	a) Sie ist ein wichtiges Instrument zur Bewertung des Unternehmens.	
	b) Sie ist ein wichtiges Instrument zur Kontrolle des Unternehmens.	
	c) Sie ist ein wichtiges Instrument zur Kommunikation mit der Öffentlichkeit.	
	d) Sie ist ein wichtiges Instrument zur Kommunikation mit den Kreditgebern.	

21. የፍትሕ ፋይዳዎች ማግኘት ይቻላል፡፡  
ይህ ፍትሕ ፋይዳዎች ማግኘት ይቻላል፡፡  
የፍትሕ ፋይዳዎች ማግኘት ይቻላል፡፡

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
103	104	105	106	107	108
109	110	111	112	113	114
115	116	117	118	119	120
121	122	123	124	125	126
127	128	129	130	131	132
133	134	135	136	137	138
139	140	141	142	143	144
145	146	147	148	149	150
151	152	153	154	155	156
157	158	159	160	161	162
163	164	165	166	167	168
169	170	171	172	173	174
175	176	177	178	179	180
181	182	183	184	185	186
187	188	189	190	191	192
193	194	195	196	197	198
199	200	201	202	203	204
205	206	207	208	209	210
211	212	213	214	215	216
217	218	219	220	221	222
223	224	225	226	227	228
229	230	231	232	233	234
235	236	237	238	239	240
241	242	243	244	245	246
247	248	249	250	251	252
253	254	255	256	257	258
259	260	261	262	263	264
265	266	267	268	269	270
271	272	273	274	275	276
277	278	279	280	281	282
283	284	285	286	287	288
289	290	291	292	293	294
295	296	297	298	299	300
301	302	303	304	305	306
307	308	309	310	311	312
313	314	315	316	317	318
319	320	321	322	323	324
325	326	327	328	329	330
331	332	333	334	335	336
337	338	339	340	341	342
343	344	345	346	347	348
349	350	351	352	353	354
355	356	357	358	359	360
361	362	363	364	365	366
367	368	369	370	371	372
373	374	375	376	377	378
379	380	381	382	383	384
385	386	387	388	389	390
391	392	393	394	395	396
397	398	399	400	401	402
403	404	405	406	407	408
409	410	411	412	413	414
415	416	417	418	419	420
421	422	423	424	425	426
427	428	429	430	431	432
433	434	435	436	437	438
439	440	441	442	443	444
445	446	447	448	449	450



Scanned with CamScanner













1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system of equations (1) as  $t \rightarrow \infty$ . It is shown that the solutions of this system tend to zero as  $t \rightarrow \infty$  if and only if the matrix  $A$  is stable.

4. Wenden	5. Zehn
6. Sechzig	7. Fünfzig



# ANNUAL DAYS WEEKS

Year	Month	Day	Week	Notes
1970	Jan	1	1	New Year's Day
1970	Jan	2	2	
1970	Jan	3	3	
1970	Jan	4	4	
1970	Jan	5	5	
1970	Jan	6	6	
1970	Jan	7	7	
1970	Jan	8	8	
1970	Jan	9	9	
1970	Jan	10	10	
1970	Jan	11	11	
1970	Jan	12	12	
1970	Jan	13	13	
1970	Jan	14	14	
1970	Jan	15	15	
1970	Jan	16	16	
1970	Jan	17	17	
1970	Jan	18	18	
1970	Jan	19	19	
1970	Jan	20	20	
1970	Jan	21	21	
1970	Jan	22	22	
1970	Jan	23	23	
1970	Jan	24	24	
1970	Jan	25	25	
1970	Jan	26	26	
1970	Jan	27	27	
1970	Jan	28	28	
1970	Jan	29	29	
1970	Jan	30	30	
1970	Jan	31	31	

Year	Month	Day	Week	Notes
1970	Feb	1	1	Presidents' Day
1970	Feb	2	2	
1970	Feb	3	3	
1970	Feb	4	4	
1970	Feb	5	5	
1970	Feb	6	6	
1970	Feb	7	7	
1970	Feb	8	8	
1970	Feb	9	9	
1970	Feb	10	10	
1970	Feb	11	11	
1970	Feb	12	12	
1970	Feb	13	13	
1970	Feb	14	14	
1970	Feb	15	15	
1970	Feb	16	16	
1970	Feb	17	17	
1970	Feb	18	18	
1970	Feb	19	19	
1970	Feb	20	20	
1970	Feb	21	21	
1970	Feb	22	22	
1970	Feb	23	23	
1970	Feb	24	24	
1970	Feb	25	25	
1970	Feb	26	26	
1970	Feb	27	27	
1970	Feb	28	28	
1970	Feb	29	29	
1970	Feb	30	30	
1970	Feb	31	31	



# IMPORTANT BOOKS

1. When you see the word "important" (important) in the dictionary...
2. One of the most important books of English...
3. When you see the word "important" in the dictionary...
4. One of the most important books of English...
5. When you see the word "important" in the dictionary...
6. One of the most important books of English...
7. When you see the word "important" in the dictionary...
8. One of the most important books of English...
9. When you see the word "important" in the dictionary...
10. One of the most important books of English...
11. When you see the word "important" in the dictionary...
12. One of the most important books of English...
13. When you see the word "important" in the dictionary...
14. One of the most important books of English...
15. When you see the word "important" in the dictionary...
16. One of the most important books of English...
17. When you see the word "important" in the dictionary...
18. One of the most important books of English...
19. When you see the word "important" in the dictionary...
20. One of the most important books of English...

## MCQs

1. When you see the word "important" in the dictionary...
2. One of the most important books of English...
3. When you see the word "important" in the dictionary...
4. One of the most important books of English...
5. When you see the word "important" in the dictionary...
6. One of the most important books of English...
7. When you see the word "important" in the dictionary...
8. One of the most important books of English...
9. When you see the word "important" in the dictionary...
10. One of the most important books of English...
11. When you see the word "important" in the dictionary...
12. One of the most important books of English...
13. When you see the word "important" in the dictionary...
14. One of the most important books of English...
15. When you see the word "important" in the dictionary...
16. One of the most important books of English...
17. When you see the word "important" in the dictionary...
18. One of the most important books of English...
19. When you see the word "important" in the dictionary...
20. One of the most important books of English...

## ANSWERS

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75



1. The first thing I saw when I stepped out of the plane was the vast, open landscape of the desert. The sun was shining brightly, and the air was warm and dry. I felt a sense of freedom and adventure as I looked out over the horizon.

2. The second thing I noticed was the sound of the wind blowing through the dry grass. It was a soft, rustling sound that filled the air. I closed my eyes and listened to the natural symphony of the desert.

3. The third thing I saw was the silhouette of a cactus against the bright sky. It was a tall, slender saguaro cactus with two arms reaching out towards the sun. I had never seen one so close before.

4. The fourth thing I felt was the heat of the sun on my face. It was a warm, comforting heat that made me feel like I was in a familiar place. I had heard that the desert was hot, but it felt perfect.

5. The fifth thing I saw was the reflection of the sun on the sand. It was a shimmering, golden reflection that made the sand look like a mirror. I stepped forward and felt the sand beneath my feet.

6. The sixth thing I heard was the distant call of a bird. It was a sharp, piercing call that echoed across the desert. I looked up and saw a hawk perched on a rock in the distance.

7. The seventh thing I felt was the coolness of the sand. It was a surprising contrast to the heat of the sun. I sat down and let the sand cool my feet.

8. The eighth thing I saw was the horizon line where the desert met the sky. It was a straight, unbroken line that stretched across the entire width of the landscape. I felt a sense of vastness and solitude.

9. The ninth thing I heard was the silence of the desert. It was a deep, peaceful silence that made me feel like I was in a secret world. I had never experienced such a quiet place before.

10. The tenth thing I felt was the joy of being in the desert. It was a mix of all the other feelings - the warmth of the sun, the sound of the wind, the sight of the cactus, the heat of the sand, the call of the bird, the coolness of the sand, the horizon line, the silence, and the joy of being in the desert. I was in the desert, and I was happy.



11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 10

[illegible]



[illegible][illegible]



1. The first thing I noticed when I stepped out of the plane was the fresh air. It felt like I had been in a bubble for hours.

2. The second thing I noticed was the sound of the birds. They were singing so beautifully, it was like a symphony.

3. The third thing I noticed was the smell of the flowers. They were so fragrant, it was like a warm blanket.

4. The fourth thing I noticed was the sight of the mountains. They were so majestic, it was like a painting.

5. The fifth thing I noticed was the feeling of the sun. It was so warm, it was like a hug.

6. The sixth thing I noticed was the taste of the food. It was so delicious, it was like a dream.

7. The seventh thing I noticed was the touch of the water. It was so refreshing, it was like a shower.

8. The eighth thing I noticed was the sound of the waves. They were so soothing, it was like a lullaby.

9. The ninth thing I noticed was the sight of the stars. They were so bright, it was like a galaxy.

10. The tenth thing I noticed was the feeling of the moon. It was so serene, it was like a blessing.

11. The eleventh thing I noticed was the taste of the rain. It was so sweet, it was like a candy.

12. The twelfth thing I noticed was the touch of the snow. It was so soft, it was like a blanket.

13. The thirteenth thing I noticed was the sound of the wind. It was so gentle, it was like a whisper.

14. The fourteenth thing I noticed was the sight of the clouds. They were so white, it was like a cloud.

15. The fifteenth thing I noticed was the feeling of the earth. It was so solid, it was like a foundation.

16. The sixteenth thing I noticed was the taste of the air. It was so clean, it was like a breath of fresh air.

17. The seventeenth thing I noticed was the touch of the sky. It was so vast, it was like a canvas.

18. The eighteenth thing I noticed was the sound of the rain. It was so loud, it was like a drum.

19. The nineteenth thing I noticed was the sight of the sun. It was so bright, it was like a star.

20. The twentieth thing I noticed was the feeling of the moon. It was so soft, it was like a blanket.

21. The twenty-first thing I noticed was the taste of the rain. It was so sweet, it was like a candy.

22. The twenty-second thing I noticed was the touch of the snow. It was so soft, it was like a blanket.

23. The twenty-third thing I noticed was the sound of the wind. It was so gentle, it was like a whisper.

24. The twenty-fourth thing I noticed was the sight of the clouds. They were so white, it was like a cloud.

25. The twenty-fifth thing I noticed was the feeling of the earth. It was so solid, it was like a foundation.

26. The twenty-sixth thing I noticed was the taste of the air. It was so clean, it was like a breath of fresh air.

27. The twenty-seventh thing I noticed was the touch of the sky. It was so vast, it was like a canvas.

28. The twenty-eighth thing I noticed was the sound of the rain. It was so loud, it was like a drum.

29. The twenty-ninth thing I noticed was the sight of the sun. It was so bright, it was like a star.

30. The thirtieth thing I noticed was the feeling of the moon. It was so soft, it was like a blanket.

31. The thirty-first thing I noticed was the taste of the rain. It was so sweet, it was like a candy.

32. The thirty-second thing I noticed was the touch of the snow. It was so soft, it was like a blanket.

33. The thirty-third thing I noticed was the sound of the wind. It was so gentle, it was like a whisper.

34. The thirty-fourth thing I noticed was the sight of the clouds. They were so white, it was like a cloud.

35. The thirty-fifth thing I noticed was the feeling of the earth. It was so solid, it was like a foundation.

36. The thirty-sixth thing I noticed was the taste of the air. It was so clean, it was like a breath of fresh air.

37. The thirty-seventh thing I noticed was the touch of the sky. It was so vast, it was like a canvas.

38. The thirty-eighth thing I noticed was the sound of the rain. It was so loud, it was like a drum.

39. The thirty-ninth thing I noticed was the sight of the sun. It was so bright, it was like a star.

40. The fortieth thing I noticed was the feeling of the moon. It was so soft, it was like a blanket.

41. The forty-first thing I noticed was the taste of the rain. It was so sweet, it was like a candy.

42. The forty-second thing I noticed was the touch of the snow. It was so soft, it was like a blanket.

43. The forty-third thing I noticed was the sound of the wind. It was so gentle, it was like a whisper.

44. The forty-fourth thing I noticed was the sight of the clouds. They were so white, it was like a cloud.

45. The forty-fifth thing I noticed was the feeling of the earth. It was so solid, it was like a foundation.

46. The forty-sixth thing I noticed was the taste of the air. It was so clean, it was like a breath of fresh air.

47. The forty-seventh thing I noticed was the touch of the sky. It was so vast, it was like a canvas.

48. The forty-eighth thing I noticed was the sound of the rain. It was so loud, it was like a drum.

49. The forty-ninth thing I noticed was the sight of the sun. It was so bright, it was like a star.

50. The fiftieth thing I noticed was the feeling of the moon. It was so soft, it was like a blanket.

51. The fifty-first thing I noticed was the taste of the rain. It was so sweet, it was like a candy.

52. The fifty-second thing I noticed was the touch of the snow. It was so soft, it was like a blanket.

53. The fifty-third thing I noticed was the sound of the wind. It was so gentle, it was like a whisper.

54. The fifty-fourth thing I noticed was the sight of the clouds. They were so white, it was like a cloud.

55. The fifty-fifth thing I noticed was the feeling of the earth. It was so solid, it was like a foundation.

56. The fifty-sixth thing I noticed was the taste of the air. It was so clean, it was like a breath of fresh air.

57. The fifty-seventh thing I noticed was the touch of the sky. It was so vast, it was like a canvas.

58. The fifty-eighth thing I noticed was the sound of the rain. It was so loud, it was like a drum.

59. The fifty-ninth thing I noticed was the sight of the sun. It was so bright, it was like a star.

60. The sixtieth thing I noticed was the feeling of the moon. It was so soft, it was like a blanket.

61. The sixty-first thing I noticed was the taste of the rain. It was so sweet, it was like a candy.

62. The sixty-second thing I noticed was the touch of the snow. It was so soft, it was like a blanket.

63. The sixty-third thing I noticed was the sound of the wind. It was so gentle, it was like a whisper.

64. The sixty-fourth thing I noticed was the sight of the clouds. They were so white, it was like a cloud.

65. The sixty-fifth thing I noticed was the feeling of the earth. It was so solid, it was like a foundation.

66. The sixty-sixth thing I noticed was the taste of the air. It was so clean, it was like a breath of fresh air.

67. The sixty-seventh thing I noticed was the touch of the sky. It was so vast, it was like a canvas.

68. The sixty-eighth thing I noticed was the sound of the rain. It was so loud, it was like a drum.

69. The sixty-ninth thing I noticed was the sight of the sun. It was so bright, it was like a star.

70. The seventieth thing I noticed was the feeling of the moon. It was so soft, it was like a blanket.

71. The seventy-first thing I noticed was the taste of the rain. It was so sweet, it was like a candy.

72. The seventy-second thing I noticed was the touch of the snow. It was so soft, it was like a blanket.

73. The seventy-third thing I noticed was the sound of the wind. It was so gentle, it was like a whisper.

74. The seventy-fourth thing I noticed was the sight of the clouds. They were so white, it was like a cloud.

75. The seventy-fifth thing I noticed was the feeling of the earth. It was so solid, it was like a foundation.

76. The seventy-sixth thing I noticed was the taste of the air. It was so clean, it was like a breath of fresh air.

77. The seventy-seventh thing I noticed was the touch of the sky. It was so vast, it was like a canvas.

78. The seventy-eighth thing I noticed was the sound of the rain. It was so loud, it was like a drum.

79. The seventy-ninth thing I noticed was the sight of the sun. It was so bright, it was like a star.

80. The eightieth thing I noticed was the feeling of the moon. It was so soft, it was like a blanket.

81. The eighty-first thing I noticed was the taste of the rain. It was so sweet, it was like a candy.

82. The eighty-second thing I noticed was the touch of the snow. It was so soft, it was like a blanket.

83. The eighty-third thing I noticed was the sound of the wind. It was so gentle, it was like a whisper.

84. The eighty-fourth thing I noticed was the sight of the clouds. They were so white, it was like a cloud.

85. The eighty-fifth thing I noticed was the feeling of the earth. It was so solid, it was like a foundation.

86. The eighty-sixth thing I noticed was the taste of the air. It was so clean, it was like a breath of fresh air.

87. The eighty-seventh thing I noticed was the touch of the sky. It was so vast, it was like a canvas.

88. The eighty-eighth thing I noticed was the sound of the rain. It was so loud, it was like a drum.

89. The eighty-ninth thing I noticed was the sight of the sun. It was so bright, it was like a star.

90. The ninetieth thing I noticed was the feeling of the moon. It was so soft, it was like a blanket.

91. The ninety-first thing I noticed was the taste of the rain. It was so sweet, it was like a candy.

92. The ninety-second thing I noticed was the touch of the snow. It was so soft, it was like a blanket.

93. The ninety-third thing I noticed was the sound of the wind. It was so gentle, it was like a whisper.

94. The ninety-fourth thing I noticed was the sight of the clouds. They were so white, it was like a cloud.

95. The ninety-fifth thing I noticed was the feeling of the earth. It was so solid, it was like a foundation.

96. The ninety-sixth thing I noticed was the taste of the air. It was so clean, it was like a breath of fresh air.

97. The ninety-seventh thing I noticed was the touch of the sky. It was so vast, it was like a canvas.

98. The ninety-eighth thing I noticed was the sound of the rain. It was so loud, it was like a drum.

99. The ninety-ninth thing I noticed was the sight of the sun. It was so bright, it was like a star.

100. The hundredth thing I noticed was the feeling of the moon. It was so soft, it was like a blanket.



- 244 "World Population and Our Resources" book was written by  
 (a) In Taboul (b) Corinne Brochay  
 (c) James Anderson (d) Sidney Sheldon
- 245 What is the name of autobiography of Neil Armstrong  
 (a) A Line on the Moon  
 (b) First Man (c) My struggle with Arm  
 (d) None of these
- 246 "The Fragmentation of Iraq" book was written by  
 (a) Hassan Zaid (b) Barnes R Rubin  
 (c) Dr. Saldar Mahmood  
 (d) None of these
- 247 Name the autobiography of Hillary Clinton  
 (a) Towards Freedom (b) Living History  
 (c) First Lady of USA (d) It Takes a Village
- 248 Famous Novel "Mother" was written by  
 (a) Charles Dickens (b) Maxim Gorko  
 (c) Josh Malish Abadi  
 (d) Manecora Shah
- 249 Which of the following book was written by Information Minister of Pakistan Muhammad Aur Durran?  
 (a) Foreign Policy of Pakistan  
 (b) History of India and Pakistan  
 (c) India and Pakistan: Cost of Conflict & Benefits of Peace  
 (d) Civil Services in Pakistan
- 250 Name the last book of Harry Potter series?  
 (a) Harry Potter and Order  
 (b) Harry Potter and Halfbloods of Death  
 (c) Harry Potter and Phoenix  
 (d) None of these
- 251 Ideology of Pakistan book was written by  
 (a) I. H. Qureshi  
 (b) Hassan Ali Khan Rizvi  
 (c) Dr. Saldar Mahmood  
 (d) Shahid Javed Burki
- 252 Which of the following book was written by K. A. who was a great historian?  
 (a) The last Days of Great Pakistan  
 (b) The Myth of Independence  
 (c) A New History of Pakistan  
 (d) Pakistan in the Twentieth century
- 253 Who is the author of Harry Potter Book series?  
 (a) J. K. Rowling (b) Sidney Sheldon  
 (c) J. R. R. Tolkien (d) J. R. Lawrence
- 254 Which of the following books are written by Barack Obama?  
 (a) Audacity of Hope (b) Change we can believe in  
 (c) Dreams from my Father (d) None of these
- (b) Dreams from my Father (c) Wings of Fire (d) None of these
- (c) Audacity of Hope (d) Change we can believe in (e) Dreams from my Father (f) None of these
- 255 Extraordinary Ordinary People A Memoir of Family is a book written by  
 (a) Barack Obama  
 (b) Dr. Condoleezza Rice  
 (c) Bill Clinton  
 (d) Monica Lewinsky
- 256 The 95th annual Pulitzer Prize 2011 in category Fiction was awarded to \_\_\_\_\_ by Jennifer Egan, Alfred A Knopf in April 2011  
 (a) The Surrendered (b) The Privileges  
 (c) The Making of Beethoven  
 (d) A View from the Green Squad
- 257 The 95th annual Pulitzer Prize 2011 in category Drama was awarded to "Clybourne Park" by \_\_\_\_\_ in April 2011  
 (a) Eric Foner (b) Bruce Norris  
 (c) Alan Brinkley (d) Michael Rabb
- 258 Let the Great World Spin by \_\_\_\_\_ is the winner of the 2011 International IMPAC Dublin Literary Award  
 (a) Michael Chumley (b) Craig Silver  
 (c) Colum McCann (d) William Trevor
- 259 On 18 October 2011 Julian Barnes was named the winner of £50,000 \_\_\_\_\_ for Fiction for "The Sense of an Ending"  
 (a) Man Booker Prize 2011  
 (b) 2011 Pulitzer Prize  
 (c) Dundee International Book Prize  
 (d) Costa Book Awards 2011
- 260 Pulitzer is an American Award in the field of  
 (a) Sports (b) Science  
 (c) Letters and Journalism  
 (d) Music
- 261 Asian Drama was written by  
 (a) Jawahar Lal Nehru (b) Gunnar Myrdal  
 (c) Thomas Pan (d) Joseph Conrad
- 262 "Composition of Alchemy" is written by  
 (a) Ibn Al-Haytham (b) John F. Kennedy  
 (c) Ben Rush (d) Neel Al-Din
- 263 The book Al Quran is written by  
 (a) Al-Haytham (b) Abu Al-Qasim  
 (c) Al-Balqa (d) Abu Al-Fatih
- 264 The poetry first written by Akhbar Jibari in Persian and then translated in Urdu on popular demand is contained in  
 (a) Bala Jibari (b) Bang-e-Dara  
 (c) Zair-ul-Masam (d) Armaghan-e-Hayat



1. The first part of the document is a list of names and addresses, which are mostly illegible due to the quality of the scan. The names appear to be listed in a column, with addresses following them.

2. The second part of the document is a list of names and addresses, which are also mostly illegible. The names appear to be listed in a column, with addresses following them.

3. The third part of the document is a list of names and addresses, which are also mostly illegible. The names appear to be listed in a column, with addresses following them.

4. The fourth part of the document is a list of names and addresses, which are also mostly illegible. The names appear to be listed in a column, with addresses following them.

5. The fifth part of the document is a list of names and addresses, which are also mostly illegible. The names appear to be listed in a column, with addresses following them.

6. The sixth part of the document is a list of names and addresses, which are also mostly illegible. The names appear to be listed in a column, with addresses following them.

7. The seventh part of the document is a list of names and addresses, which are also mostly illegible. The names appear to be listed in a column, with addresses following them.

8. The eighth part of the document is a list of names and addresses, which are also mostly illegible. The names appear to be listed in a column, with addresses following them.

9. The ninth part of the document is a list of names and addresses, which are also mostly illegible. The names appear to be listed in a column, with addresses following them.

10. The tenth part of the document is a list of names and addresses, which are also mostly illegible. The names appear to be listed in a column, with addresses following them.

NAME		ADDRESS	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100



# NOBEL PRIZES

## NOBEL PRIZES 2019

### MCQs

- On which year was the Nobel Prize established?  
a) 1895  
b) 1901  
c) 1900  
d) 1902
- Who was the first person to receive the Nobel Prize?  
a) Alfred Nobel  
b) Wilhelm Ostwald  
c) Robert Bunsen  
d) Jacobus van't Hoff
- Which of the following is not a Nobel Prize?  
a) Nobel Prize in Literature  
b) Nobel Prize in Chemistry  
c) Nobel Prize in Physics  
d) Nobel Prize in Medicine
- The Nobel Prize is awarded for outstanding work in the fields of physics, chemistry, medicine, literature, and peace.

- Which of the following is not a Nobel Prize?  
a) Nobel Prize in Literature  
b) Nobel Prize in Chemistry  
c) Nobel Prize in Physics  
d) Nobel Prize in Medicine
- Who was the first person to receive the Nobel Prize?  
a) Alfred Nobel  
b) Wilhelm Ostwald  
c) Robert Bunsen  
d) Jacobus van't Hoff
- Which of the following is not a Nobel Prize?  
a) Nobel Prize in Literature  
b) Nobel Prize in Chemistry  
c) Nobel Prize in Physics  
d) Nobel Prize in Medicine
- The Nobel Prize is awarded for outstanding work in the fields of physics, chemistry, medicine, literature, and peace.

- Which of the following is not a Nobel Prize?  
a) Nobel Prize in Literature  
b) Nobel Prize in Chemistry  
c) Nobel Prize in Physics  
d) Nobel Prize in Medicine
- Who was the first person to receive the Nobel Prize?  
a) Alfred Nobel  
b) Wilhelm Ostwald  
c) Robert Bunsen  
d) Jacobus van't Hoff
- Which of the following is not a Nobel Prize?  
a) Nobel Prize in Literature  
b) Nobel Prize in Chemistry  
c) Nobel Prize in Physics  
d) Nobel Prize in Medicine
- The Nobel Prize is awarded for outstanding work in the fields of physics, chemistry, medicine, literature, and peace.

- Which of the following is not a Nobel Prize?  
a) Nobel Prize in Literature  
b) Nobel Prize in Chemistry  
c) Nobel Prize in Physics  
d) Nobel Prize in Medicine
- Who was the first person to receive the Nobel Prize?  
a) Alfred Nobel  
b) Wilhelm Ostwald  
c) Robert Bunsen  
d) Jacobus van't Hoff
- Which of the following is not a Nobel Prize?  
a) Nobel Prize in Literature  
b) Nobel Prize in Chemistry  
c) Nobel Prize in Physics  
d) Nobel Prize in Medicine
- The Nobel Prize is awarded for outstanding work in the fields of physics, chemistry, medicine, literature, and peace.



41. The first of these was the...  
42. The second of these was the...  
43. The third of these was the...  
44. The fourth of these was the...  
45. The fifth of these was the...  
46. The sixth of these was the...  
47. The seventh of these was the...  
48. The eighth of these was the...  
49. The ninth of these was the...  
50. The tenth of these was the...

- 708 and the...  
709 and the...  
710 and the...  
711 and the...  
712 and the...  
713 and the...  
714 and the...  
715 and the...  
716 and the...  
717 and the...  
718 and the...



### HIGHEST MILITARY AWARDS

<sup>†2</sup> After a two day trial, a jury of

- |   |  |
|---|--|
| 24. <input type="checkbox"/> Yes, I am      | 25. <input type="checkbox"/> Change of country |
| 26. <input type="checkbox"/> Very difficult | 27. <input type="checkbox"/> Change of job     |

<sup>12</sup> *Id.* at 47 (the Supreme Court's "primary concern" is "the impact of the law on the individual").

- 2d. *Implication of hypothesis*  
2e. *Implication of results of hypothesis*

121. *Thompson, J. A.*

- \* Study of 100000 people in 1970

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

- |    |                      |
|----|----------------------|
| 11 | For 1976 and earlier |
| 12 | Year of death        |

<sup>10</sup> *Id.* at 2nd paragraph; *Id.* at 3rd paragraph.

- [illegible]

1. **1997-1998** (1997-1998) (1997-1998)

- <sup>17</sup> VPA-1 is the highest category award in

14. *copy of the contract*

1. *Author's name*  
 2. *Author's address*  
 3. *Author's phone number*

4.7. *Parasites and Diseases*

10. *How do you feel about the way the government is handling the situation?*

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

- |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388 | 2389 | 2390 | 2391 | 2392 | 2393 | 2394 | 2395 | 2396 | 2397 | 2398 | 2399</ |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|

12.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 

1. 4-20-2014

11. Which of the following is not a function of the skeletal system?

- JC** *Editor is the technical railway director of Pakistan*

10. *Journal of the American Medical Association*, 1997; 277: 1033-1038.

- [illegible]

**References**

- |      |                 |      |                 |
|------|-----------------|------|-----------------|
| (10) | पुस्तक का परिचय | (11) | पुस्तक का परिचय |
| (12) | पुस्तक का परिचय | (13) | पुस्तक का परिचय |



		ANSWERS				
10	10	11	12	13	14	15
11	16	17	18	19	20	21
12	22	23	24	25	26	27
13	28	29	30	31	32	33
14	34	35	36	37	38	39
15	40	41	42	43	44	45
16	46	47	48	49	50	51
17	52	53	54	55	56	57
18	58	59	60	61	62	63
19	64	65	66	67	68	69
20	70	71	72	73	74	75
21	76	77	78	79	80	81
22	82	83	84	85	86	87
23	88	89	90	91	92	93
24	94	95	96	97	98	99
25	100	101	102	103	104	105

		ANSWERS				
1	1	2	3	4	5	6
2	7	8	9	10	11	12
3	13	14	15	16	17	18
4	19	20	21	22	23	24
5	25	26	27	28	29	30
6	31	32	33	34	35	36
7	37	38	39	40	41	42
8	43	44	45	46	47	48
9	49	50	51	52	53	54
10	55	56	57	58	59	60
11	61	62	63	64	65	66
12	67	68	69	70	71	72
13	73	74	75	76	77	78
14	79	80	81	82	83	84
15	85	86	87	88	89	90
16	91	92	93	94	95	96
17	97	98	99	100	101	102
18	103	104	105	106	107	108
19	109	110	111	112	113	114
20	115	116	117	118	119	120
21	121	122	123	124	125	126
22	127	128	129	130	131	132
23	133	134	135	136	137	138
24	139	140	141	142	143	144
25	145	146	147	148	149	150
26	151	152	153	154	155	156
27	157	158	159	160	161	162
28	163	164	165	166	167	168
29	169	170	171	172	173	174
30	175	176	177	178	179	180
31	181	182	183	184	185	186
32	187	188	189	190	191	192
33	193	194	195	196	197	198
34	199	200	201	202	203	204
35	205	206	207	208	209	210
36	211	212	213	214	215	216
37	217	218	219	220	221	222
38	223	224	225	226	227	228
39	229	230	231	232	233	234
40	235	236	237	238	239	240
41	241	242	243	244	245	246
42	247	248	249	250	251	252
43	253	254	255	256	257	258
44	259	260	261	262	263	264
45	265	266	267	268	269	270
46	271	272	273	274	275	276
47	277	278	279	280	281	282
48	283	284	285	286	287	288
49	289	290	291	292	293	294
50	295	296	297	298	299	300

# OSCAR AWARDS



**WCCn**

1. **What is the following sentence about?**

1a. sentence 1b. word

1c. text 1d. sound

2. **What is the word about the English?**

2a. English

2b. word

2c. German

2d. French

3. **What is the word about?**

3a. English

3b. word

3c. German

3d. French

4. **What is the word about?**

4a. English

4b. word

4c. German

4d. French

5. **What is the word about?**

5a. English

5b. word

5c. German

5d. French

6. **What is the following sentence about?**

6a. English

6b. word

6c. German

6d. French

1. Which of the following statements has been  
accepted in the world?  
a. science is good  
b. good  
c. bad  
d. science is good

2. Which of the following statements has been  
accepted in the world?  
a. science is good  
b. good  
c. bad  
d. science is good

3. Which of the following statements has been  
accepted in the world?  
a. science is good  
b. good  
c. bad  
d. science is good

4. Which of the following statements has been  
accepted in the world?  
a. science is good  
b. good  
c. bad  
d. science is good

5. Which of the following statements has been  
accepted in the world?  
a. science is good  
b. good  
c. bad  
d. science is good

6. Which of the following statements has been  
accepted in the world?  
a. science is good  
b. good  
c. bad  
d. science is good

1. The first word of the sentence is "and"  
 2. The second word of the sentence is "the"  
 3. The third word of the sentence is "the"  
 4. The fourth word of the sentence is "the"  
 5. The fifth word of the sentence is "the"  
 6. The sixth word of the sentence is "the"  
 7. The seventh word of the sentence is "the"  
 8. The eighth word of the sentence is "the"  
 9. The ninth word of the sentence is "the"  
 10. The tenth word of the sentence is "the"  
 11. The eleventh word of the sentence is "the"  
 12. The twelfth word of the sentence is "the"  
 13. The thirteenth word of the sentence is "the"  
 14. The fourteenth word of the sentence is "the"  
 15. The fifteenth word of the sentence is "the"  
 16. The sixteenth word of the sentence is "the"  
 17. The seventeenth word of the sentence is "the"  
 18. The eighteenth word of the sentence is "the"  
 19. The nineteenth word of the sentence is "the"  
 20. The twentieth word of the sentence is "the"  
 21. The twenty-first word of the sentence is "the"  
 22. The twenty-second word of the sentence is "the"  
 23. The twenty-third word of the sentence is "the"  
 24. The twenty-fourth word of the sentence is "the"  
 25. The twenty-fifth word of the sentence is "the"  
 26. The twenty-sixth word of the sentence is "the"  
 27. The twenty-seventh word of the sentence is "the"  
 28. The twenty-eighth word of the sentence is "the"  
 29. The twenty-ninth word of the sentence is "the"  
 30. The thirtieth word of the sentence is "the"  
 31. The thirty-first word of the sentence is "the"  
 32. The thirty-second word of the sentence is "the"  
 33. The thirty-third word of the sentence is "the"  
 34. The thirty-fourth word of the sentence is "the"  
 35. The thirty-fifth word of the sentence is "the"  
 36. The thirty-sixth word of the sentence is "the"  
 37. The thirty-seventh word of the sentence is "the"  
 38. The thirty-eighth word of the sentence is "the"  
 39. The thirty-ninth word of the sentence is "the"  
 40. The fortieth word of the sentence is "the"  
 41. The forty-first word of the sentence is "the"  
 42. The forty-second word of the sentence is "the"  
 43. The forty-third word of the sentence is "the"  
 44. The forty-fourth word of the sentence is "the"  
 45. The forty-fifth word of the sentence is "the"  
 46. The forty-sixth word of the sentence is "the"  
 47. The forty-seventh word of the sentence is "the"  
 48. The forty-eighth word of the sentence is "the"  
 49. The forty-ninth word of the sentence is "the"  
 50. The fiftieth word of the sentence is "the"















*[Faint handwritten notes at the bottom of the page]*

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

The highest quality

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

for "State of Nature"

1990-1991

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. The first part of the text discusses the importance of maintaining accurate records of all transactions, including sales, purchases, and expenses. It emphasizes that proper record-keeping is essential for determining the correct amount of tax liability and for defending against potential audits.

1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl a is essential for the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy in the form of ATP and NADPH.

1970

$\Delta H_{\text{exp}} = \frac{\Delta T}{K}$

圖 4-1-1

DATE OF BIRTH: 1907-08-10

[illegible]

$\frac{1}{2} \log \frac{1}{2} = -0.5$

1998

[illegible]



1. The first step in the process of the scientific method is to make an observation or ask a question.

2. The second step is to do background research on the topic.

3. The third step is to form a hypothesis, which is a statement that can be tested.

4. The fourth step is to design an experiment to test the hypothesis.

5. The fifth step is to conduct the experiment and collect data.

6. The sixth step is to analyze the data and draw a conclusion.

7. The seventh step is to communicate the results of the experiment.

8. The eighth step is to repeat the experiment to verify the results.

9. The ninth step is to apply the results to other situations.

10. The tenth step is to use the results to make predictions.

11. The eleventh step is to use the results to solve problems.

12. The twelfth step is to use the results to create new technologies.

13. The thirteenth step is to use the results to improve the quality of life.

14. The fourteenth step is to use the results to protect the environment.

15. The fifteenth step is to use the results to promote peace and understanding.

16. The sixteenth step is to use the results to advance the human race.

17. The seventeenth step is to use the results to create a better world.

18. The eighteenth step is to use the results to make the world a more just and equitable place.

19. The nineteenth step is to use the results to improve the lives of all people.

20. The twentieth step is to use the results to create a more peaceful and harmonious world.

1. The first step in the process of the scientific method is to make an observation or ask a question.

2. The second step is to do background research on the topic.

3. The third step is to form a hypothesis, which is a statement that can be tested.

4. The fourth step is to design an experiment to test the hypothesis.

5. The fifth step is to conduct the experiment and collect data.

6. The sixth step is to analyze the data and draw a conclusion.

7. The seventh step is to communicate the results of the experiment.

8. The eighth step is to repeat the experiment to verify the results.

9. The ninth step is to apply the results to other situations.

10. The tenth step is to use the results to make predictions.

11. The eleventh step is to use the results to solve problems.

12. The twelfth step is to use the results to create new technologies.

13. The thirteenth step is to use the results to improve the quality of life.

14. The fourteenth step is to use the results to protect the environment.

15. The fifteenth step is to use the results to promote peace and understanding.

16. The sixteenth step is to use the results to advance the human race.

17. The seventeenth step is to use the results to create a better world.

18. The eighteenth step is to use the results to make the world a more just and equitable place.

19. The nineteenth step is to use the results to improve the lives of all people.

20. The twentieth step is to use the results to create a more peaceful and harmonious world.



301 The largest highway in the world is Texas  
which state is it in?

302 What is the height of Mount Everest?

303 What is the largest city in the world?

304 What is the largest city in the world?

305 What is the largest city in the world?

306 What is the largest city in the world?

307 What is the largest city in the world?

308 What is the largest city in the world?

309 What is the largest city in the world?

310 What is the largest city in the world?

311 What is the largest city in the world?

312 What is the largest city in the world?

313 What is the largest city in the world?

314 What is the largest city in the world?

315 What is the largest city in the world?

316 What is the largest city in the world?

317 What is the largest city in the world?

318 What is the largest city in the world?

319 What is the largest city in the world?

320 What is the largest city in the world?

321 What is the largest city in the world?

322 What is the largest city in the world?

323 What is the largest city in the world?

324 What is the largest city in the world?

325 What is the largest city in the world?

326 What is the largest city in the world?

327 What is the largest city in the world?

328 What is the largest city in the world?

329 What is the largest city in the world?

330 What is the largest city in the world?

331 What is the largest city in the world?

332 What is the largest city in the world?

333 What is the largest city in the world?

334 What is the largest city in the world?

335 What is the largest city in the world?



# GENERAL INFORMATION

Name of the person who has been named

A. Full name B. Surname C. Initials D. None of the above

2. How many children has the person named?

A. One B. Two C. Three D. Four

3. How many children has the person named?

A. One B. Two C. Three D. Four

4. How many children has the person named?

A. One B. Two C. Three D. Four

5. How many children has the person named?

A. One B. Two C. Three D. Four

6. How many children has the person named?

A. One B. Two C. Three D. Four

7. How many children has the person named?

A. One B. Two C. Three D. Four

8. How many children has the person named?

A. One B. Two C. Three D. Four

9. How many children has the person named?

A. One B. Two C. Three D. Four

10. How many children has the person named?

A. One B. Two C. Three D. Four

11. How many children has the person named?

A. One B. Two C. Three D. Four

12. How many children has the person named?

A. One B. Two C. Three D. Four

13. How many children has the person named?

A. One B. Two C. Three D. Four

14. How many children has the person named?

A. One B. Two C. Three D. Four

15. How many children has the person named?

A. One B. Two C. Three D. Four

16. How many children has the person named?

A. One B. Two C. Three D. Four

17. How many children has the person named?

A. One B. Two C. Three D. Four

18. How many children has the person named?

A. One B. Two C. Three D. Four

19. How many children has the person named?

A. One B. Two C. Three D. Four

20. How many children has the person named?

A. One B. Two C. Three D. Four

21. How many children has the person named?

A. One B. Two C. Three D. Four

22. How many children has the person named?

A. One B. Two C. Three D. Four

23. How many children has the person named?

A. One B. Two C. Three D. Four

24. How many children has the person named?

A. One B. Two C. Three D. Four

25. How many children has the person named?

A. One B. Two C. Three D. Four

26. How many children has the person named?

A. One B. Two C. Three D. Four

27. How many children has the person named?

A. One B. Two C. Three D. Four

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner



[illegible]











104. Paper which is...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

105. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

106. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

107. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

108. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

109. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

110. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

111. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

112. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

113. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

114. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

115. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

116. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

117. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

118. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

119. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

120. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

121. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

122. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

123. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

124. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

125. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

126. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

127. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

128. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

129. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

130. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

131. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

132. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

133. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...

134. Which of the following...  
 (a) ...  
 (b) ...  
 (c) ...  
 (d) ...



[illegible]

Scanned with CamScanner

Scanned with CamScanner

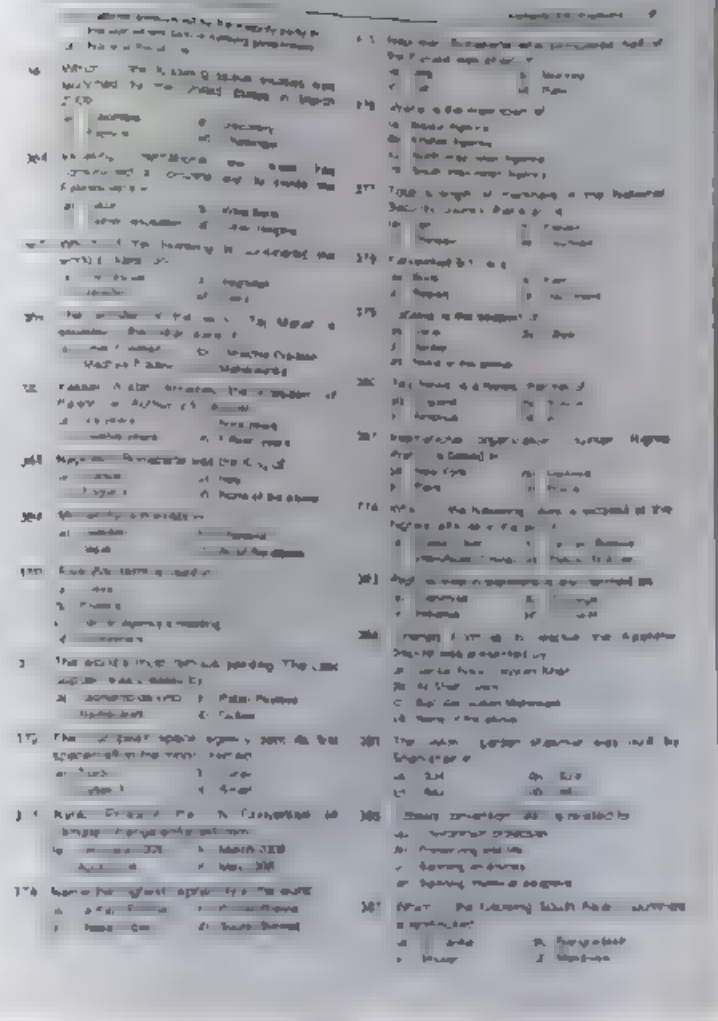
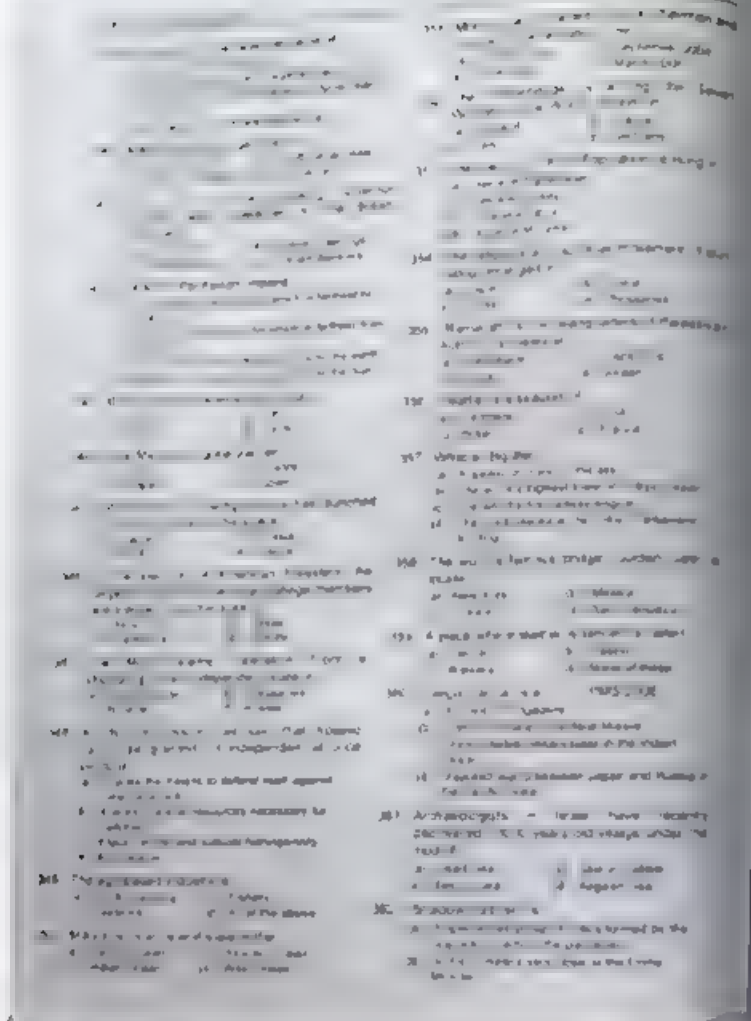




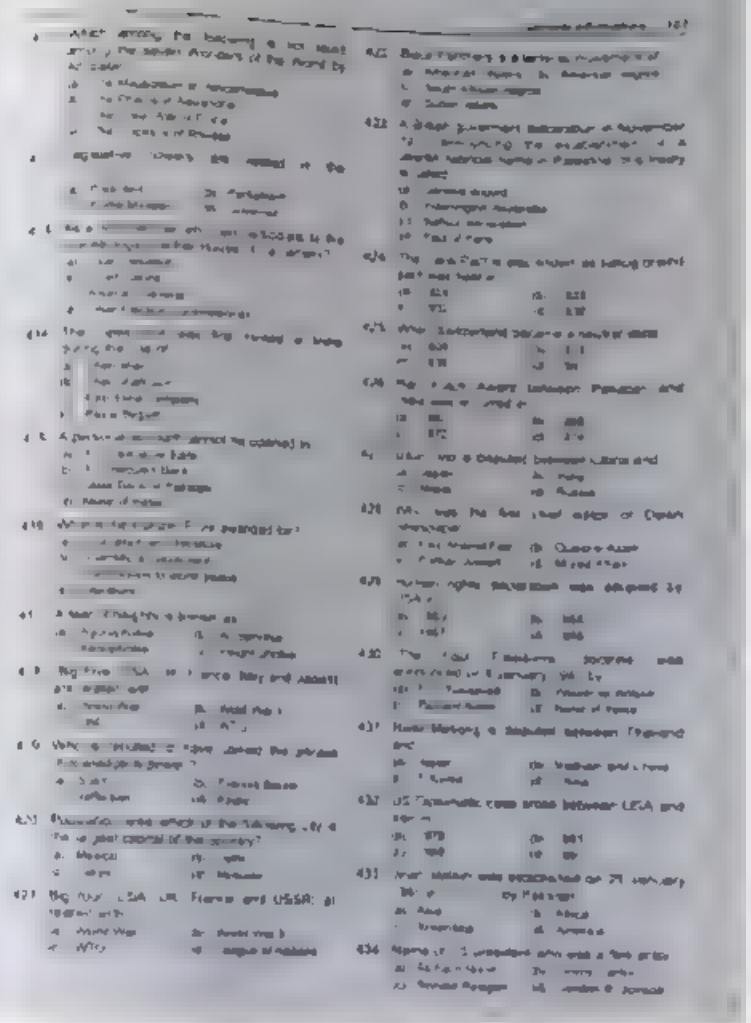
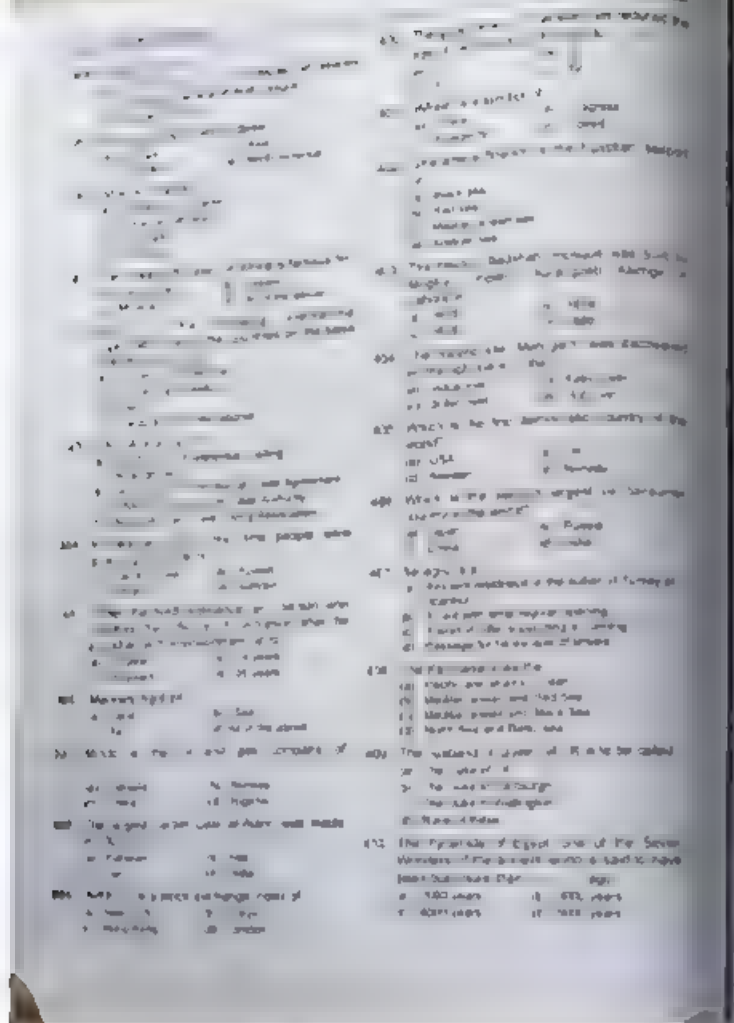














[illegible]







1. The first of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
2. The second of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
3. The third of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
4. The fourth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
5. The fifth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
6. The sixth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
7. The seventh of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
8. The eighth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
9. The ninth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
10. The tenth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis

11. The eleventh of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
12. The twelfth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
13. The thirteenth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
14. The fourteenth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
15. The fifteenth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
16. The sixteenth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
17. The seventeenth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
18. The eighteenth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
19. The nineteenth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis
20. The twentieth of the following is not a part of the process of the cell cycle:
- a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
  - e. Cytokinesis



1. According to the text, the purpose of the document is to provide information about the activities of the organization.

2. The document is divided into several sections, each dealing with a different aspect of the organization's work.

3. The first section discusses the organization's goals and objectives, which are to promote the development of the community and to provide services to the people in need.

4. The second section describes the organization's structure and the roles of its members.

5. The third section outlines the organization's financial situation and its sources of income.

6. The fourth section details the organization's activities and the services it provides to the community.

7. The fifth section discusses the organization's future plans and its hopes for the future.

8. The document concludes with a statement of the organization's commitment to the community and its people.

9. The document is signed by the President of the organization, who is also the author of the text.

10. The document is dated the 1st day of the month of the year.

1. According to the text, the purpose of the document is to provide information about the activities of the organization.

2. The document is divided into several sections, each dealing with a different aspect of the organization's work.

3. The first section discusses the organization's goals and objectives, which are to promote the development of the community and to provide services to the people in need.

4. The second section describes the organization's structure and the roles of its members.

5. The third section outlines the organization's financial situation and its sources of income.

6. The fourth section details the organization's activities and the services it provides to the community.

7. The fifth section discusses the organization's future plans and its hopes for the future.

8. The document concludes with a statement of the organization's commitment to the community and its people.

9. The document is signed by the President of the organization, who is also the author of the text.

10. The document is dated the 1st day of the month of the year.



600 Which of the following is not a part of the digestive system?

601 Which of the following is not a part of the digestive system?

602 A person who is unable to digest food is called a:

603 The process of breaking down food into smaller particles is called:

604 The process of absorbing nutrients from food is called:

605 The process of eliminating waste from the body is called:

606 The process of breaking down food into smaller particles is called:

607 The process of absorbing nutrients from food is called:

608 The process of eliminating waste from the body is called:

609 The process of breaking down food into smaller particles is called:

610 The process of absorbing nutrients from food is called:

611 The process of eliminating waste from the body is called:

612 Which of the following is not a part of the digestive system?

613 Which of the following is not a part of the digestive system?

614 A person who is unable to digest food is called a:

615 The process of breaking down food into smaller particles is called:

616 The process of absorbing nutrients from food is called:

617 The process of eliminating waste from the body is called:

618 The process of breaking down food into smaller particles is called:

619 The process of absorbing nutrients from food is called:

620 The process of eliminating waste from the body is called:

621 The process of breaking down food into smaller particles is called:

622 The process of absorbing nutrients from food is called:

623 The process of eliminating waste from the body is called:

624 Which of the following is not a part of the digestive system?

625 Which of the following is not a part of the digestive system?

626 A person who is unable to digest food is called a:

627 The process of breaking down food into smaller particles is called:

628 The process of absorbing nutrients from food is called:

629 The process of eliminating waste from the body is called:

630 The process of breaking down food into smaller particles is called:

631 The process of absorbing nutrients from food is called:

632 The process of eliminating waste from the body is called:

633 The process of breaking down food into smaller particles is called:

634 The process of absorbing nutrients from food is called:

635 The process of eliminating waste from the body is called:

636 The process of breaking down food into smaller particles is called:

637 The process of absorbing nutrients from food is called:

638 The process of eliminating waste from the body is called:

639 The process of breaking down food into smaller particles is called:

640 The process of absorbing nutrients from food is called:

641 Which of the following is not a part of the digestive system?

642 Which of the following is not a part of the digestive system?

643 A person who is unable to digest food is called a:

644 The process of breaking down food into smaller particles is called:

645 The process of absorbing nutrients from food is called:

646 The process of eliminating waste from the body is called:

647 The process of breaking down food into smaller particles is called:

648 The process of absorbing nutrients from food is called:

649 The process of eliminating waste from the body is called:

650 The process of breaking down food into smaller particles is called:

651 The process of absorbing nutrients from food is called:

652 The process of eliminating waste from the body is called:

653 The process of breaking down food into smaller particles is called:

654 The process of absorbing nutrients from food is called:

655 The process of eliminating waste from the body is called:

656 The process of breaking down food into smaller particles is called:

657 The process of absorbing nutrients from food is called:







1. The first part of the book is a history of the world from the beginning of time to the present. It covers the major events and people that have shaped our world.

2. The second part of the book is a geography of the world. It describes the major regions and countries, and the natural resources that they possess.

3. The third part of the book is a social studies of the world. It discusses the major religions, cultures, and governments that have developed over time.

4. The fourth part of the book is a science of the world. It explores the major scientific discoveries and the impact they have had on our lives.

5. The fifth part of the book is a conclusion. It summarizes the main points of the book and offers some thoughts on the future of the world.

6. The book is written in a clear and concise style, and is suitable for students of all ages. It is a valuable resource for anyone who wants to learn more about the world we live in.

7. The book is divided into five main parts, each of which is further divided into chapters. The chapters are written in a clear and concise style, and are suitable for students of all ages.

8. The book is a valuable resource for anyone who wants to learn more about the world we live in. It covers the major events and people that have shaped our world, and the major scientific discoveries and the impact they have had on our lives.

9. The book is written in a clear and concise style, and is suitable for students of all ages. It is a valuable resource for anyone who wants to learn more about the world we live in.

10. The book is divided into five main parts, each of which is further divided into chapters. The chapters are written in a clear and concise style, and are suitable for students of all ages.

1. The first part of the book is a history of the world from the beginning of time to the present. It covers the major events and people that have shaped our world.

2. The second part of the book is a geography of the world. It describes the major regions and countries, and the natural resources that they possess.

3. The third part of the book is a social studies of the world. It discusses the major religions, cultures, and governments that have developed over time.

4. The fourth part of the book is a science of the world. It explores the major scientific discoveries and the impact they have had on our lives.

5. The fifth part of the book is a conclusion. It summarizes the main points of the book and offers some thoughts on the future of the world.

6. The book is written in a clear and concise style, and is suitable for students of all ages. It is a valuable resource for anyone who wants to learn more about the world we live in.

7. The book is divided into five main parts, each of which is further divided into chapters. The chapters are written in a clear and concise style, and are suitable for students of all ages.

8. The book is a valuable resource for anyone who wants to learn more about the world we live in. It covers the major events and people that have shaped our world, and the major scientific discoveries and the impact they have had on our lives.

9. The book is written in a clear and concise style, and is suitable for students of all ages. It is a valuable resource for anyone who wants to learn more about the world we live in.

10. The book is divided into five main parts, each of which is further divided into chapters. The chapters are written in a clear and concise style, and are suitable for students of all ages.



1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

41	7.2.2.2.2.2	42	7.2.2.2.2.2
43	7.2.2.2.2.2	44	7.2.2.2.2.2



1. The capital of the United States is Washington, D.C.

2. The largest city in the United States is New York City.

3. The highest mountain in the United States is Mount Everest.

4. The longest river in the United States is the Mississippi River.

5. The largest body of water in the United States is the Great Salt Lake.

6. The smallest state in the United States is Rhode Island.

7. The largest state in the United States is Alaska.

8. The most populous state in the United States is California.

9. The least populous state in the United States is Wyoming.

10. The only state without a coastline is Montana.

11. The only state that is landlocked is Nevada.

12. The only state that is completely surrounded by water is Hawaii.

13. The only state that is completely surrounded by other states is Nebraska.

14. The only state that is completely surrounded by other states and has a coastline is Florida.

15. The only state that is completely surrounded by other states and has a coastline and is also a peninsula is Michigan.

16. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water is Alaska.

17. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water and is also a part of a larger body of water is Hawaii.

18. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water is Alaska.

19. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water is Hawaii.

20. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water is Alaska.

1. The capital of the United States is Washington, D.C.

2. The largest city in the United States is New York City.

3. The highest mountain in the United States is Mount Everest.

4. The longest river in the United States is the Mississippi River.

5. The largest body of water in the United States is the Great Salt Lake.

6. The smallest state in the United States is Rhode Island.

7. The largest state in the United States is Alaska.

8. The most populous state in the United States is California.

9. The least populous state in the United States is Wyoming.

10. The only state without a coastline is Montana.

11. The only state that is landlocked is Nevada.

12. The only state that is completely surrounded by water is Hawaii.

13. The only state that is completely surrounded by other states is Nebraska.

14. The only state that is completely surrounded by other states and has a coastline is Florida.

15. The only state that is completely surrounded by other states and has a coastline and is also a peninsula is Michigan.

16. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water is Alaska.

17. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water and is also a part of a larger body of water is Hawaii.

18. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water is Alaska.

19. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water is Hawaii.

20. The only state that is completely surrounded by other states and has a coastline and is also a peninsula and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water and is also a part of a larger body of water is Alaska.



# ANSWERS

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100
101	102	103	104	105
106	107	108	109	110

111	112	113	114	115
116	117	118	119	120
121	122	123	124	125
126	127	128	129	130
131	132	133	134	135
136	137	138	139	140
141	142	143	144	145
146	147	148	149	150
151	152	153	154	155
156	157	158	159	160
161	162	163	164	165
166	167	168	169	170
171	172	173	174	175
176	177	178	179	180
181	182	183	184	185
186	187	188	189	190
191	192	193	194	195
196	197	198	199	200
201	202	203	204	205
206	207	208	209	210
211	212	213	214	215
216	217	218	219	220
221	222	223	224	225
226	227	228	229	230
231	232	233	234	235
236	237	238	239	240
241	242	243	244	245
246	247	248	249	250
251	252	253	254	255
256	257	258	259	260
261	262	263	264	265
266	267	268	269	270
271	272	273	274	275
276	277	278	279	280
281	282	283	284	285
286	287	288	289	290
291	292	293	294	295
296	297	298	299	300
301	302	303	304	305
306	307	308	309	310
311	312	313	314	315
316	317	318	319	320
321	322	323	324	325
326	327	328	329	330
331	332	333	334	335
336	337	338	339	340
341	342	343	344	345
346	347	348	349	350
351	352	353	354	355
356	357	358	359	360
361	362	363	364	365
366	367	368	369	370
371	372	373	374	375
376	377	378	379	380
381	382	383	384	385
386	387	388	389	390
391	392	393	394	395
396	397	398	399	400
401	402	403	404	405
406	407	408	409	410
411	412	413	414	415
416	417	418	419	420
421	422	423	424	425
426	427	428	429	430
431	432	433	434	435
436	437	438	439	440
441	442	443	444	445
446	447	448	449	450
451	452	453	454	455
456	457	458	459	460
461	462	463	464	465
466	467	468	469	470
471	472	473	474	475
476	477	478	479	480
481	482	483	484	485
486	487	488	489	490
491	492	493	494	495
496	497	498	499	500











Handwritten notes on the left page, appearing as a list or series of entries, mostly illegible due to blurriness.

Handwritten notes on the right page, appearing as a list or series of entries, mostly illegible due to blurriness.







1.  $\frac{1}{x^2} = x^{-2}$   
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

1.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$



Scanned with CamScanner





1.  $\frac{1}{x^2} = x^{-2}$   $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

2.  $\frac{d}{dx} \ln x = \frac{1}{x}$

3.  $\frac{d}{dx} e^x = e^x$

4.  $\frac{d}{dx} \sin x = \cos x$

5.  $\frac{d}{dx} \cos x = -\sin x$

6.  $\frac{d}{dx} \tan x = \sec^2 x$

7.  $\frac{d}{dx} \cot x = -\csc^2 x$

8.  $\frac{d}{dx} \sec x = \sec x \tan x$

9.  $\frac{d}{dx} \csc x = -\csc x \cot x$

10.  $\frac{d}{dx} \arcsin x = \frac{1}{\sqrt{1-x^2}}$

11.  $\frac{d}{dx} \arccos x = -\frac{1}{\sqrt{1-x^2}}$

12.  $\frac{d}{dx} \arctan x = \frac{1}{1+x^2}$

13.  $\frac{d}{dx} \operatorname{arccot} x = -\frac{1}{1+x^2}$

14.  $\frac{d}{dx} \operatorname{arcsec} x = \frac{1}{x\sqrt{x^2-1}}$

15.  $\frac{d}{dx} \operatorname{arccsc} x = -\frac{1}{x\sqrt{x^2-1}}$

16.  $\frac{d}{dx} \ln u = \frac{1}{u} \frac{du}{dx}$

17.  $\frac{d}{dx} e^u = e^u \frac{du}{dx}$

18.  $\frac{d}{dx} \sin u = \cos u \frac{du}{dx}$

19.  $\frac{d}{dx} \cos u = -\sin u \frac{du}{dx}$

20.  $\frac{d}{dx} \tan u = \sec^2 u \frac{du}{dx}$

21.  $\frac{d}{dx} \cot u = -\csc^2 u \frac{du}{dx}$

22.  $\frac{d}{dx} \sec u = \sec u \tan u \frac{du}{dx}$

23.  $\frac{d}{dx} \csc u = -\csc u \cot u \frac{du}{dx}$

24.  $\frac{d}{dx} \arcsin u = \frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

25.  $\frac{d}{dx} \arccos u = -\frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

26.  $\frac{d}{dx} \arctan u = \frac{1}{1+u^2} \frac{du}{dx}$

27.  $\frac{d}{dx} \operatorname{arccot} u = -\frac{1}{1+u^2} \frac{du}{dx}$

28.  $\frac{d}{dx} \operatorname{arcsec} u = \frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

29.  $\frac{d}{dx} \operatorname{arccsc} u = -\frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

30.  $\frac{d}{dx} \ln u = \frac{1}{u} \frac{du}{dx}$

31.  $\frac{d}{dx} e^u = e^u \frac{du}{dx}$

32.  $\frac{d}{dx} \sin u = \cos u \frac{du}{dx}$

33.  $\frac{d}{dx} \cos u = -\sin u \frac{du}{dx}$

34.  $\frac{d}{dx} \tan u = \sec^2 u \frac{du}{dx}$

35.  $\frac{d}{dx} \cot u = -\csc^2 u \frac{du}{dx}$

36.  $\frac{d}{dx} \sec u = \sec u \tan u \frac{du}{dx}$

37.  $\frac{d}{dx} \csc u = -\csc u \cot u \frac{du}{dx}$

38.  $\frac{d}{dx} \arcsin u = \frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

39.  $\frac{d}{dx} \arccos u = -\frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

40.  $\frac{d}{dx} \arctan u = \frac{1}{1+u^2} \frac{du}{dx}$

41.  $\frac{d}{dx} \operatorname{arccot} u = -\frac{1}{1+u^2} \frac{du}{dx}$

42.  $\frac{d}{dx} \operatorname{arcsec} u = \frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

43.  $\frac{d}{dx} \operatorname{arccsc} u = -\frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

44.  $\frac{d}{dx} \ln u = \frac{1}{u} \frac{du}{dx}$

45.  $\frac{d}{dx} e^u = e^u \frac{du}{dx}$

46.  $\frac{d}{dx} \sin u = \cos u \frac{du}{dx}$

47.  $\frac{d}{dx} \cos u = -\sin u \frac{du}{dx}$

48.  $\frac{d}{dx} \tan u = \sec^2 u \frac{du}{dx}$

49.  $\frac{d}{dx} \cot u = -\csc^2 u \frac{du}{dx}$

50.  $\frac{d}{dx} \sec u = \sec u \tan u \frac{du}{dx}$

51.  $\frac{d}{dx} \csc u = -\csc u \cot u \frac{du}{dx}$

52.  $\frac{d}{dx} \arcsin u = \frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

53.  $\frac{d}{dx} \arccos u = -\frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

54.  $\frac{d}{dx} \arctan u = \frac{1}{1+u^2} \frac{du}{dx}$

55.  $\frac{d}{dx} \operatorname{arccot} u = -\frac{1}{1+u^2} \frac{du}{dx}$

56.  $\frac{d}{dx} \operatorname{arcsec} u = \frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

57.  $\frac{d}{dx} \operatorname{arccsc} u = -\frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

58.  $\frac{d}{dx} \ln u = \frac{1}{u} \frac{du}{dx}$

59.  $\frac{d}{dx} e^u = e^u \frac{du}{dx}$

60.  $\frac{d}{dx} \sin u = \cos u \frac{du}{dx}$

61.  $\frac{d}{dx} \cos u = -\sin u \frac{du}{dx}$

62.  $\frac{d}{dx} \tan u = \sec^2 u \frac{du}{dx}$

63.  $\frac{d}{dx} \cot u = -\csc^2 u \frac{du}{dx}$

64.  $\frac{d}{dx} \sec u = \sec u \tan u \frac{du}{dx}$

65.  $\frac{d}{dx} \csc u = -\csc u \cot u \frac{du}{dx}$

66.  $\frac{d}{dx} \arcsin u = \frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

67.  $\frac{d}{dx} \arccos u = -\frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

68.  $\frac{d}{dx} \arctan u = \frac{1}{1+u^2} \frac{du}{dx}$

69.  $\frac{d}{dx} \operatorname{arccot} u = -\frac{1}{1+u^2} \frac{du}{dx}$

70.  $\frac{d}{dx} \operatorname{arcsec} u = \frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

71.  $\frac{d}{dx} \operatorname{arccsc} u = -\frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

72.  $\frac{d}{dx} \ln u = \frac{1}{u} \frac{du}{dx}$

73.  $\frac{d}{dx} e^u = e^u \frac{du}{dx}$

74.  $\frac{d}{dx} \sin u = \cos u \frac{du}{dx}$

75.  $\frac{d}{dx} \cos u = -\sin u \frac{du}{dx}$

76.  $\frac{d}{dx} \tan u = \sec^2 u \frac{du}{dx}$

77.  $\frac{d}{dx} \cot u = -\csc^2 u \frac{du}{dx}$

78.  $\frac{d}{dx} \sec u = \sec u \tan u \frac{du}{dx}$

79.  $\frac{d}{dx} \csc u = -\csc u \cot u \frac{du}{dx}$

80.  $\frac{d}{dx} \arcsin u = \frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

81.  $\frac{d}{dx} \arccos u = -\frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

82.  $\frac{d}{dx} \arctan u = \frac{1}{1+u^2} \frac{du}{dx}$

83.  $\frac{d}{dx} \operatorname{arccot} u = -\frac{1}{1+u^2} \frac{du}{dx}$

84.  $\frac{d}{dx} \operatorname{arcsec} u = \frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

85.  $\frac{d}{dx} \operatorname{arccsc} u = -\frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

86.  $\frac{d}{dx} \ln u = \frac{1}{u} \frac{du}{dx}$

87.  $\frac{d}{dx} e^u = e^u \frac{du}{dx}$

88.  $\frac{d}{dx} \sin u = \cos u \frac{du}{dx}$

89.  $\frac{d}{dx} \cos u = -\sin u \frac{du}{dx}$

90.  $\frac{d}{dx} \tan u = \sec^2 u \frac{du}{dx}$

91.  $\frac{d}{dx} \cot u = -\csc^2 u \frac{du}{dx}$

92.  $\frac{d}{dx} \sec u = \sec u \tan u \frac{du}{dx}$

93.  $\frac{d}{dx} \csc u = -\csc u \cot u \frac{du}{dx}$

94.  $\frac{d}{dx} \arcsin u = \frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

95.  $\frac{d}{dx} \arccos u = -\frac{1}{\sqrt{1-u^2}} \frac{du}{dx}$

96.  $\frac{d}{dx} \arctan u = \frac{1}{1+u^2} \frac{du}{dx}$

97.  $\frac{d}{dx} \operatorname{arccot} u = -\frac{1}{1+u^2} \frac{du}{dx}$

98.  $\frac{d}{dx} \operatorname{arcsec} u = \frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

99.  $\frac{d}{dx} \operatorname{arccsc} u = -\frac{1}{u\sqrt{u^2-1}} \frac{du}{dx}$

100.  $\frac{d}{dx} \ln u = \frac{1}{u} \frac{du}{dx}$

101.  $\frac{d}{dx} e^u = e^u \frac{du}{dx}$

102.  $\frac{d}{dx} \sin u = \cos u \frac{du}{dx}$

103.  $\frac{d}{dx} \cos u = -\sin u \frac{du}{dx}$

104.  $\frac{d}{dx} \tan u = \sec^2 u \frac{du}{dx}$

105.  $\frac{d}{dx} \cot u = -\csc^2 u \frac{du}{dx}$

106.  $\frac{d}{dx} \sec u = \sec u \tan u \frac{du}{dx}$

107.  $\frac{d}{dx} \csc u$



6. *Journal of Management Studies*, 1990, 27, 103-115.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26







1. The first of the three main parts of the book is the introduction, which is written by the author himself. It is a very short and simple introduction, but it is very important. It tells us what the book is about and why it is important. It also tells us what the author's purpose is in writing the book.

2. The second part of the book is the main body. It is divided into three chapters. The first chapter is about the history of the book. It tells us how the book came to be written and how it has changed over time. The second chapter is about the theory of the book. It tells us what the author's ideas are and how he has developed them. The third chapter is about the practice of the book. It tells us how the author has used his ideas in his writing and how he has tried to make his writing as good as possible.

3. The third part of the book is the conclusion. It is a very short and simple conclusion, but it is very important. It tells us what the author's main points are and how he has tried to make his writing as good as possible. It also tells us what the author's purpose is in writing the book.

4. The fourth part of the book is the appendix. It is a very short and simple appendix, but it is very important. It tells us what the author's main points are and how he has tried to make his writing as good as possible. It also tells us what the author's purpose is in writing the book.

5. The fifth part of the book is the index. It is a very short and simple index, but it is very important. It tells us what the author's main points are and how he has tried to make his writing as good as possible. It also tells us what the author's purpose is in writing the book.

6. The sixth part of the book is the bibliography. It is a very short and simple bibliography, but it is very important. It tells us what the author's main points are and how he has tried to make his writing as good as possible. It also tells us what the author's purpose is in writing the book.

7. The seventh part of the book is the notes. It is a very short and simple notes, but it is very important. It tells us what the author's main points are and how he has tried to make his writing as good as possible. It also tells us what the author's purpose is in writing the book.

8. The eighth part of the book is the preface. It is a very short and simple preface, but it is very important. It tells us what the author's main points are and how he has tried to make his writing as good as possible. It also tells us what the author's purpose is in writing the book.

9. The ninth part of the book is the afterword. It is a very short and simple afterword, but it is very important. It tells us what the author's main points are and how he has tried to make his writing as good as possible. It also tells us what the author's purpose is in writing the book.

10. The tenth part of the book is the endnotes. It is a very short and simple endnotes, but it is very important. It tells us what the author's main points are and how he has tried to make his writing as good as possible. It also tells us what the author's purpose is in writing the book.

2008年12月		2008年11月		2008年10月		2008年9月		2008年8月		2008年7月		2008年6月		2008年5月		2008年4月		2008年3月		2008年2月		2008年1月	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17



## FOREIGN PHRASES

[illegible][illegible]







# SAYING

1. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
2. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
3. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
4. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
5. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
6. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
7. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
8. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
9. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
10. The first time I met him he was  
a. young b. old c. middle-aged d. none of these

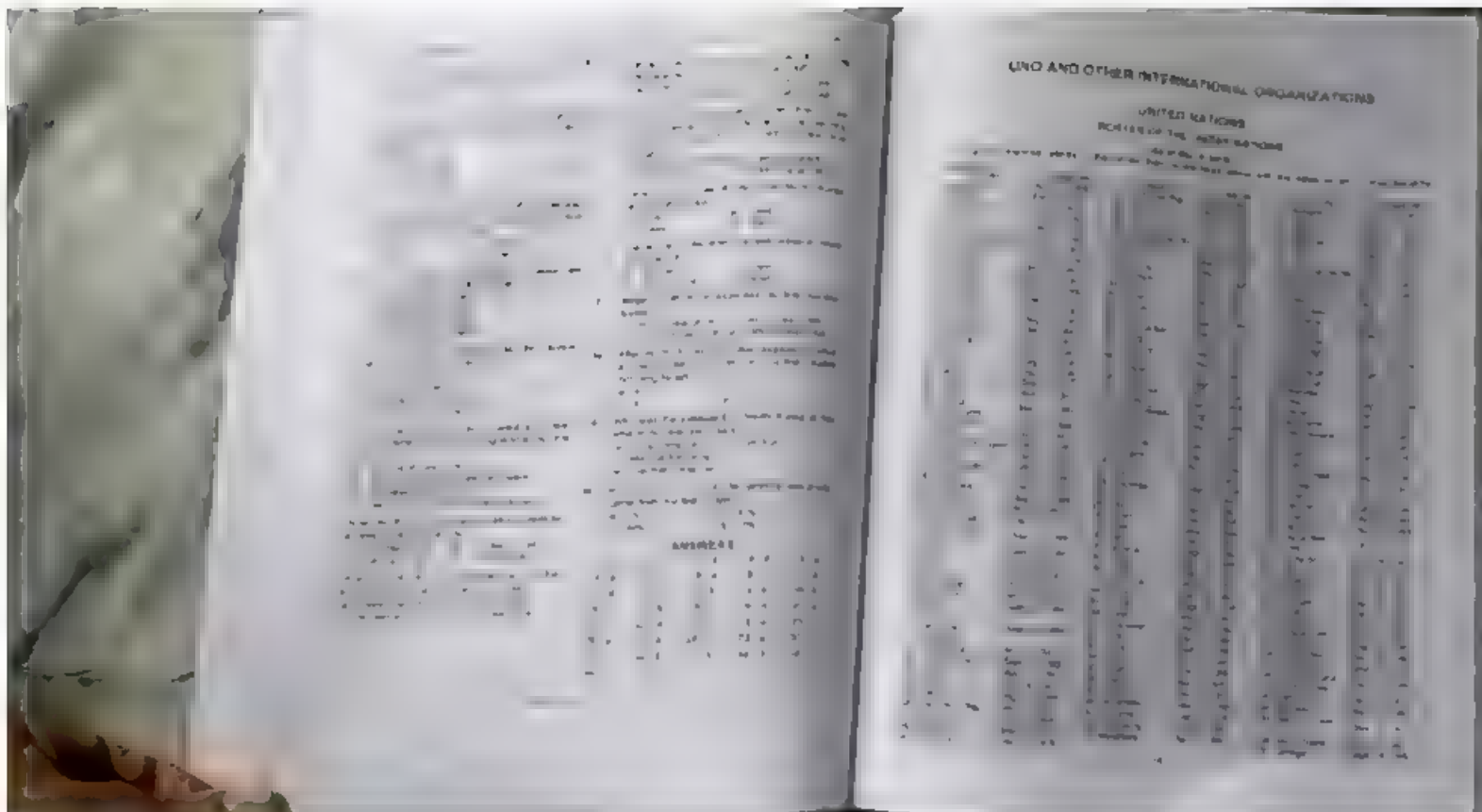
## ANSWERS

1. a 2. b 3. c 4. d 5. a 6. b 7. c 8. d 9. a 10. b

# NUCLEAR AGE

1. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
2. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
3. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
4. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
5. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
6. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
7. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
8. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
9. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
10. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
11. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
12. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
13. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
14. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
15. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
16. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
17. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
18. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
19. The first time I met him he was  
a. young b. old c. middle-aged d. none of these
20. The first time I met him he was  
a. young b. old c. middle-aged d. none of these





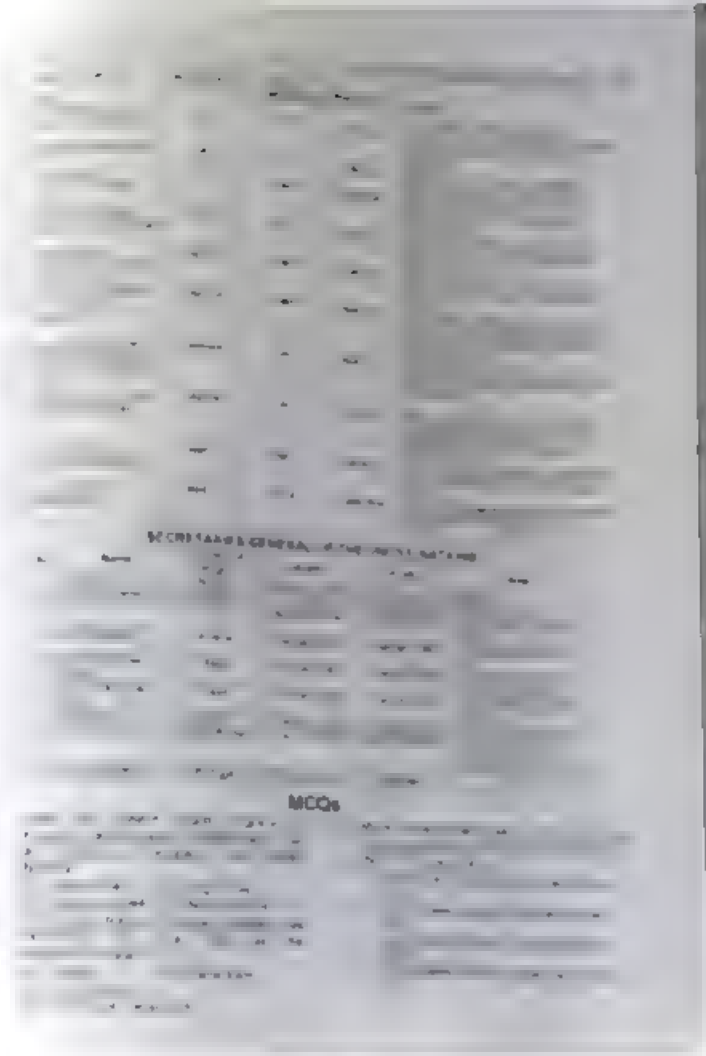
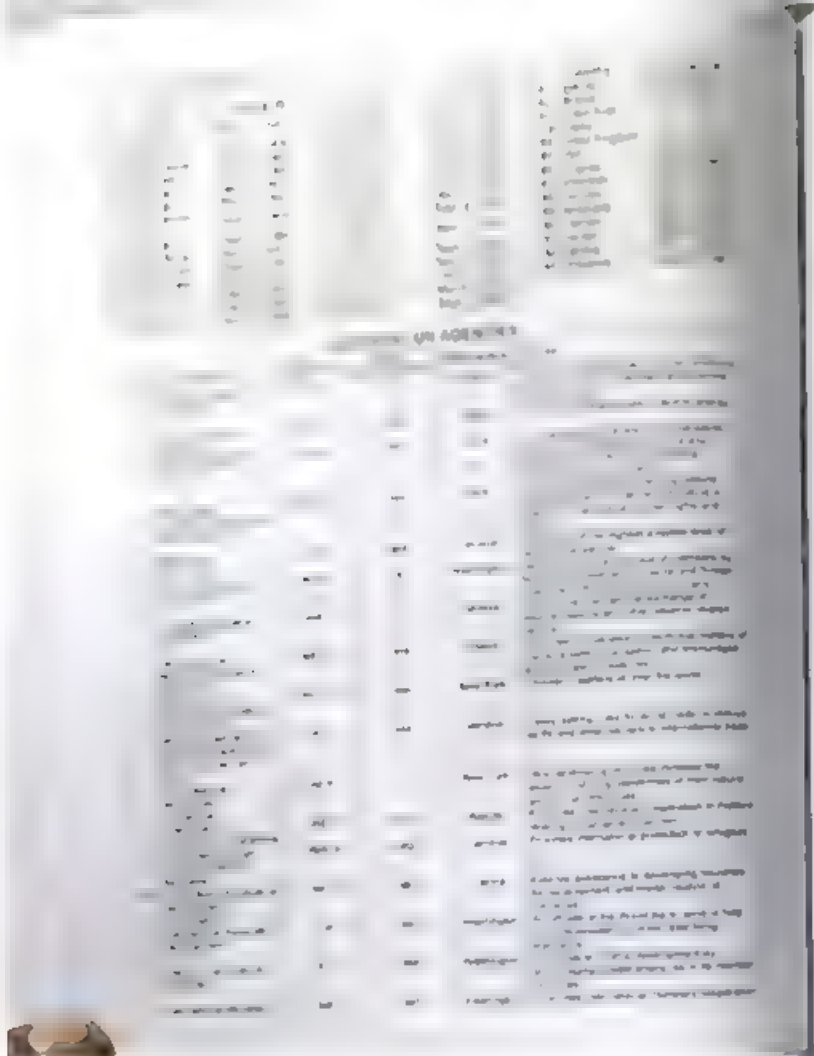
Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner





Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner







Yours truly,  
J. Edgar Hoover



1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[illegible]

Scanned with CamScanner



# ANSWERS

## ANSWERS

### UNFOLD

## ANSWERS

### WORLD HEALTH ORGANIZATION (WHO)

### OTHER ORGANIZATIONS

#### COMMONWEALTH OF INDEPENDENT STATES







**ANSWERS**

LAANC 51044179

[illegible]

**Abstract**

[illegible]

AA: Secretaries General

[illegible][illegible][illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible]

1.  $\frac{1}{x^2} = x^{-2}$   
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

6. The amount of work done by a person in a day is proportional to the square of the number of hours he works. If a person works for 8 hours a day and does 64 units of work, how many units of work will he do if he works for 10 hours a day?

7. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . How far will it travel in 10 seconds?

8. A ball is thrown vertically upwards with an initial velocity of  $20 \text{ m/s}$ . What is the maximum height reached by the ball? (Take  $g = 9.8 \text{ m/s}^2$ )

9. A body of mass  $m$  moves in a circular path of radius  $r$  with a constant speed  $v$ . Find the centripetal force acting on the body.

10. A car starts from rest and accelerates uniformly at  $3 \text{ m/s}^2$ . How long will it take to reach a speed of  $30 \text{ m/s}$ ?

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$   $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$

2 Pt. 1: The English people

1 The people of the island  
2 The people of the country  
3 The people of the world  
4 The people of the universe

[illegible][illegible]

1. Arbeitsauftrag  
 2. Arbeitsauftrag  
 3. Arbeitsauftrag  
 4. Arbeitsauftrag  
 5. Arbeitsauftrag  
 6. Arbeitsauftrag  
 7. Arbeitsauftrag  
 8. Arbeitsauftrag  
 9. Arbeitsauftrag  
 10. Arbeitsauftrag  
 11. Arbeitsauftrag  
 12. Arbeitsauftrag  
 13. Arbeitsauftrag  
 14. Arbeitsauftrag  
 15. Arbeitsauftrag  
 16. Arbeitsauftrag  
 17. Arbeitsauftrag  
 18. Arbeitsauftrag  
 19. Arbeitsauftrag  
 20. Arbeitsauftrag  
 21. Arbeitsauftrag  
 22. Arbeitsauftrag  
 23. Arbeitsauftrag  
 24. Arbeitsauftrag  
 25. Arbeitsauftrag  
 26. Arbeitsauftrag  
 27. Arbeitsauftrag  
 28. Arbeitsauftrag  
 29. Arbeitsauftrag  
 30. Arbeitsauftrag  
 31. Arbeitsauftrag  
 32. Arbeitsauftrag  
 33. Arbeitsauftrag  
 34. Arbeitsauftrag  
 35. Arbeitsauftrag  
 36. Arbeitsauftrag  
 37. Arbeitsauftrag  
 38. Arbeitsauftrag  
 39. Arbeitsauftrag  
 40. Arbeitsauftrag  
 41. Arbeitsauftrag  
 42. Arbeitsauftrag  
 43. Arbeitsauftrag  
 44. Arbeitsauftrag  
 45. Arbeitsauftrag  
 46. Arbeitsauftrag  
 47. Arbeitsauftrag  
 48. Arbeitsauftrag  
 49. Arbeitsauftrag  
 50. Arbeitsauftrag  
 51. Arbeitsauftrag  
 52. Arbeitsauftrag  
 53. Arbeitsauftrag  
 54. Arbeitsauftrag  
 55. Arbeitsauftrag  
 56. Arbeitsauftrag  
 57. Arbeitsauftrag  
 58. Arbeitsauftrag  
 59. Arbeitsauftrag  
 60. Arbeitsauftrag  
 61. Arbeitsauftrag  
 62. Arbeitsauftrag  
 63. Arbeitsauftrag  
 64. Arbeitsauftrag  
 65. Arbeitsauftrag  
 66. Arbeitsauftrag  
 67. Arbeitsauftrag  
 68. Arbeitsauftrag  
 69. Arbeitsauftrag  
 70. Arbeitsauftrag  
 71. Arbeitsauftrag  
 72. Arbeitsauftrag  
 73. Arbeitsauftrag  
 74. Arbeitsauftrag  
 75. Arbeitsauftrag  
 76. Arbeitsauftrag  
 77. Arbeitsauftrag  
 78. Arbeitsauftrag  
 79. Arbeitsauftrag  
 80. Arbeitsauftrag  
 81. Arbeitsauftrag  
 82. Arbeitsauftrag  
 83. Arbeitsauftrag  
 84. Arbeitsauftrag  
 85. Arbeitsauftrag  
 86. Arbeitsauftrag  
 87. Arbeitsauftrag  
 88. Arbeitsauftrag  
 89. Arbeitsauftrag  
 90. Arbeitsauftrag  
 91. Arbeitsauftrag  
 92. Arbeitsauftrag  
 93. Arbeitsauftrag  
 94. Arbeitsauftrag  
 95. Arbeitsauftrag  
 96. Arbeitsauftrag  
 97. Arbeitsauftrag  
 98. Arbeitsauftrag  
 99. Arbeitsauftrag  
 100. Arbeitsauftrag

10. Signature \_\_\_\_\_ Date \_\_\_\_\_

Page 10 of 10







... ..

... ..

ANSWERS

COLUMBO PLAN

... ..

... ..

ANSWERS

... ..

Year	Country	Capital	Population	Area
1950	India	New Delhi	360 million	1,930,000 sq. km.
1955	China	Beijing	600 million	9,600,000 sq. km.
1960	USA	Washington	150 million	9,500,000 sq. km.
1965	USSR	Moscow	200 million	17,100,000 sq. km.
1970	Japan	Tokyo	100 million	377,000 sq. km.
1975	France	Paris	40 million	640,000 sq. km.
1980	Germany	Berlin	20 million	357,000 sq. km.
1985	Italy	Rome	10 million	301,000 sq. km.
1990	Spain	Madrid	40 million	505,000 sq. km.
1995	UK	London	50 million	244,000 sq. km.
2000	Canada	Ottawa	30 million	9,900,000 sq. km.
2005	Australia	Canberra	20 million	7,700,000 sq. km.
2010	South Africa	Pretoria	40 million	1,200,000 sq. km.
2015	Brazil	Brasilia	200 million	8,500,000 sq. km.
2020	India	New Delhi	1,400 million	3,280,000 sq. km.

... ..

... ..

... ..

... ..

... ..

... ..

... ..

ANSWERS

... ..

ANSWERS

... ..

ANSWERS

... ..







1. The purpose of the...

2. The purpose of the...

### ANSWERS

## ORGANIZATION FOR THE PROHIBITION OF CHEMICAL WEAPONS

1. The purpose of the...

2. The purpose of the...

3. The purpose of the...

4. The purpose of the...

5. The purpose of the...

6. The purpose of the...

7. The purpose of the...

8. The purpose of the...

1. The purpose of the...

### ANSWERS

## CASE

1. The purpose of the...

2. The purpose of the...

3. The purpose of the...

4. The purpose of the...

5. The purpose of the...

6. The purpose of the...

7. The purpose of the...

8. The purpose of the...

9. The purpose of the...

10. The purpose of the...

11. The purpose of the...

12. The purpose of the...

13. The purpose of the...

14. The purpose of the...

15. The purpose of the...

16. The purpose of the...

17. The purpose of the...

18. The purpose of the...

1. The purpose of the...

### ANSWERS

## QUESTIONS

1. The purpose of the...

2. The purpose of the...

3. The purpose of the...

4. The purpose of the...

5. The purpose of the...

6. The purpose of the...

7. The purpose of the...

8. The purpose of the...

9. The purpose of the...

10. The purpose of the...

11. The purpose of the...

12. The purpose of the...

13. The purpose of the...

14. The purpose of the...

15. The purpose of the...

16. The purpose of the...

17. The purpose of the...

18. The purpose of the...

19. The purpose of the...

20. The purpose of the...

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner



# ANSWERS

# ANSWERS

# ANSWERS

# ANSWERS

# ANSWERS

# ANSWERS

# ANSWERS

Q. 1

The following are the main reasons for the growth of the service sector in the USA:

1. The growth of the service sector is due to the increasing demand for services.
2. The growth of the service sector is due to the increasing demand for services.
3. The growth of the service sector is due to the increasing demand for services.

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner



MARSHALL FACTS 1945  
 1. May 14, 1945  
 2. April 14, 1945  
 3. March 14, 1945  
 4. February 14, 1945  
 5. January 14, 1945  
 6. December 14, 1944  
 7. November 14, 1944  
 8. October 14, 1944  
 9. September 14, 1944  
 10. August 14, 1944  
 11. July 14, 1944  
 12. June 14, 1944  
 13. May 14, 1944  
 14. April 14, 1944  
 15. March 14, 1944  
 16. February 14, 1944  
 17. January 14, 1944  
 18. December 14, 1943  
 19. November 14, 1943  
 20. October 14, 1943  
 21. September 14, 1943  
 22. August 14, 1943  
 23. July 14, 1943  
 24. June 14, 1943  
 25. May 14, 1943  
 26. April 14, 1943  
 27. March 14, 1943  
 28. February 14, 1943  
 29. January 14, 1943  
 30. December 14, 1942  
 31. November 14, 1942  
 32. October 14, 1942  
 33. September 14, 1942  
 34. August 14, 1942  
 35. July 14, 1942  
 36. June 14, 1942  
 37. May 14, 1942  
 38. April 14, 1942  
 39. March 14, 1942  
 40. February 14, 1942  
 41. January 14, 1942  
 42. December 14, 1941  
 43. November 14, 1941  
 44. October 14, 1941  
 45. September 14, 1941  
 46. August 14, 1941  
 47. July 14, 1941  
 48. June 14, 1941  
 49. May 14, 1941  
 50. April 14, 1941  
 51. March 14, 1941  
 52. February 14, 1941  
 53. January 14, 1941  
 54. December 14, 1940  
 55. November 14, 1940  
 56. October 14, 1940  
 57. September 14, 1940  
 58. August 14, 1940  
 59. July 14, 1940  
 60. June 14, 1940  
 61. May 14, 1940  
 62. April 14, 1940  
 63. March 14, 1940  
 64. February 14, 1940  
 65. January 14, 1940  
 66. December 14, 1939  
 67. November 14, 1939  
 68. October 14, 1939  
 69. September 14, 1939  
 70. August 14, 1939  
 71. July 14, 1939  
 72. June 14, 1939  
 73. May 14, 1939  
 74. April 14, 1939  
 75. March 14, 1939  
 76. February 14, 1939  
 77. January 14, 1939  
 78. December 14, 1938  
 79. November 14, 1938  
 80. October 14, 1938  
 81. September 14, 1938  
 82. August 14, 1938  
 83. July 14, 1938  
 84. June 14, 1938  
 85. May 14, 1938  
 86. April 14, 1938  
 87. March 14, 1938  
 88. February 14, 1938  
 89. January 14, 1938  
 90. December 14, 1937  
 91. November 14, 1937  
 92. October 14, 1937  
 93. September 14, 1937  
 94. August 14, 1937  
 95. July 14, 1937  
 96. June 14, 1937  
 97. May 14, 1937  
 98. April 14, 1937  
 99. March 14, 1937  
 100. February 14, 1937  
 101. January 14, 1937  
 102. December 14, 1936  
 103. November 14, 1936  
 104. October 14, 1936  
 105. September 14, 1936  
 106. August 14, 1936  
 107. July 14, 1936  
 108. June 14, 1936  
 109. May 14, 1936  
 110. April 14, 1936  
 111. March 14, 1936  
 112. February 14, 1936  
 113. January 14, 1936  
 114. December 14, 1935  
 115. November 14, 1935  
 116. October 14, 1935  
 117. September 14, 1935  
 118. August 14, 1935  
 119. July 14, 1935  
 120. June 14, 1935  
 121. May 14, 1935  
 122. April 14, 1935  
 123. March 14, 1935  
 124. February 14, 1935  
 125. January 14, 1935  
 126. December 14, 1934  
 127. November 14, 1934  
 128. October 14, 1934  
 129. September 14, 1934  
 130. August 14, 1934  
 131. July 14, 1934  
 132. June 14, 1934  
 133. May 14, 1934  
 134. April 14, 1934  
 135. March 14, 1934  
 136. February 14, 1934  
 137. January 14, 1934  
 138. December 14, 1933  
 139. November 14, 1933  
 140. October 14, 1933  
 141. September 14, 1933  
 142. August 14, 1933  
 143. July 14, 1933  
 144. June 14, 1933  
 145. May 14, 1933  
 146. April 14, 1933  
 147. March 14, 1933  
 148. February 14, 1933  
 149. January 14, 1933  
 150. December 14, 1932  
 151. November 14, 1932  
 152. October 14, 1932  
 153. September 14, 1932  
 154. August 14, 1932  
 155. July 14, 1932  
 156. June 14, 1932  
 157. May 14, 1932  
 158. April 14, 1932  
 159. March 14, 1932  
 160. February 14, 1932  
 161. January 14, 1932  
 162. December 14, 1931  
 163. November 14, 1931  
 164. October 14, 1931  
 165. September 14, 1931  
 166. August 14, 1931  
 167. July 14, 1931  
 168. June 14, 1931  
 169. May 14, 1931  
 170. April 14, 1931  
 171. March 14, 1931  
 172. February 14, 1931  
 173. January 14, 1931  
 174. December 14, 1930  
 175. November 14, 1930  
 176. October 14, 1930  
 177. September 14, 1930  
 178. August 14, 1930  
 179. July 14, 1930  
 180. June 14, 1930  
 181. May 14, 1930  
 182. April 14, 1930  
 183. March 14, 1930  
 184. February 14, 1930  
 185. January 14, 1930  
 186. December 14, 1929  
 187. November 14, 1929  
 188. October 14, 1929  
 189. September 14, 1929  
 190. August 14, 1929  
 191. July 14, 1929  
 192. June 14, 1929  
 193. May 14, 1929  
 194. April 14, 1929  
 195. March 14, 1929  
 196. February 14, 1929  
 197. January 14, 1929  
 198. December 14, 1928  
 199. November 14, 1928  
 200. October 14, 1928  
 201. September 14, 1928  
 202. August 14, 1928  
 203. July 14, 1928  
 204. June 14, 1928  
 205. May 14, 1928  
 206. April 14, 1928  
 207. March 14, 1928  
 208. February 14, 1928  
 209. January 14, 1928  
 210. December 14, 1927  
 211. November 14, 1927  
 212. October 14, 1927  
 213. September 14, 1927  
 214. August 14, 1927  
 215. July 14, 1927  
 216. June 14, 1927  
 217. May 14, 1927  
 218. April 14, 1927  
 219. March 14, 1927  
 220. February 14, 1927  
 221. January 14, 1927  
 222. December 14, 1926  
 223. November 14, 1926  
 224. October 14, 1926  
 225. September 14, 1926  
 226. August 14, 1926  
 227. July 14, 1926  
 228. June 14, 1926  
 229. May 14, 1926  
 230. April 14, 1926  
 231. March 14, 1926  
 232. February 14, 1926  
 233. January 14, 1926  
 234. December 14, 1925  
 235. November 14, 1925  
 236. October 14, 1925  
 237. September 14, 1925  
 238. August 14, 1925  
 239. July 14, 1925  
 240. June 14, 1925  
 241. May 14, 1925  
 242. April 14, 1925  
 243. March 14, 1925  
 244. February 14, 1925  
 245. January 14, 1925  
 246. December 14, 1924  
 247. November 14, 1924  
 248. October 14, 1924  
 249. September 14, 1924  
 250. August 14, 1924  
 251. July 14, 1924  
 252. June 14, 1924  
 253. May 14, 1924  
 254. April 14, 1924  
 255. March 14, 1924  
 256. February 14, 1924  
 257. January 14, 1924  
 258. December 14, 1923  
 259. November 14, 1923  
 260. October 14, 1923  
 261. September 14, 1923  
 262. August 14, 1923  
 263. July 14, 1923  
 264. June 14, 1923  
 265. May 14, 1923  
 266. April 14, 1923  
 267. March 14, 1923  
 268. February 14, 1923  
 269. January 14, 1923  
 270. December 14, 1922  
 271. November 14, 1922  
 272. October 14, 1922  
 273. September 14, 1922  
 274. August 14, 1922  
 275. July 14, 1922  
 276. June 14, 1922  
 277. May 14, 1922  
 278. April 14, 1922  
 279. March 14, 1922  
 280. February 14, 1922  
 281. January 14, 1922  
 282. December 14, 1921  
 283. November 14, 1921  
 284. October 14, 1921  
 285. September 14, 1921  
 286. August 14, 1921  
 287. July 14, 1921  
 288. June 14, 1921  
 289. May 14, 1921  
 290. April 14, 1921  
 291. March 14, 1921  
 292. February 14, 1921  
 293. January 14, 1921  
 294. December 14, 1920  
 295. November 14, 1920  
 296. October 14, 1920  
 297. September 14, 1920  
 298. August 14, 1920  
 299. July 14, 1920  
 300. June 14, 1920  
 301. May 14, 1920  
 302. April 14, 1920  
 303. March 14, 1920  
 304. February 14, 1920  
 305. January 14, 1920  
 306. December 14, 1919  
 307. November 14, 1919  
 308. October 14, 1919  
 309. September 14, 1919  
 310. August 14, 1919  
 311. July 14, 1919  
 312. June 14, 1919  
 313. May 14, 1919  
 314. April 14, 1919  
 315. March 14, 1919  
 316. February 14, 1919  
 317. January 14, 1919  
 318. December 14, 1918  
 319. November 14, 1918  
 320. October 14, 1918  
 321. September 14, 1918  
 322. August 14, 1918  
 323. July 14, 1918  
 324. June 14, 1918  
 325. May 14, 1918  
 326. April 14, 1918  
 327. March 14, 1918  
 328. February 14, 1918  
 329. January 14, 1918  
 330. December 14, 1917  
 331. November 14, 1917  
 332. October 14, 1917  
 333. September 14, 1917  
 334. August 14, 1917  
 335. July 14, 1917  
 336. June 14, 1917  
 337. May 14, 1917  
 338. April 14, 1917  
 339. March 14, 1917  
 340. February 14, 1917  
 341. January 14, 1917  
 342. December 14, 1916  
 343. November 14, 1916  
 344. October 14, 1916  
 345. September 14, 1916  
 346. August 14, 1916  
 347. July 14, 1916  
 348. June 14, 1916  
 349. May 14, 1916  
 350. April 14, 1916  
 351. March 14, 1916  
 352. February 14, 1916  
 353. January 14, 1916  
 354. December 14, 1915  
 355. November 14, 1915  
 356. October 14, 1915  
 357. September 14, 1915  
 358. August 14, 1915  
 359. July 14, 1915  
 360. June 14, 1915  
 361. May 14, 1915  
 362. April 14, 1915  
 363. March 14, 1915  
 364. February 14, 1915  
 365. January 14, 1915  
 366. December 14, 1914  
 367. November 14, 1914  
 368. October 14, 1914  
 369. September 14, 1914  
 370. August 14, 1914  
 371. July 14, 1914  
 372. June 14, 1914  
 373. May 14, 1914  
 374. April 14, 1914  
 375. March 14, 1914  
 376. February 14, 1914  
 377. January 14, 1914  
 378. December 14, 1913  
 379. November 14, 1913  
 380. October 14, 1913  
 381. September 14, 1913  
 382. August 14, 1913  
 383. July 14, 1913  
 384. June 14, 1913  
 385. May 14, 1913  
 386. April 14, 1913  
 387. March 14, 1913  
 388. February 14, 1913  
 389. January 14, 1913  
 390. December 14, 1912  
 391. November 14, 1912  
 392. October 14, 1912  
 393. September 14, 1912  
 394. August 14, 1912  
 395. July 14, 1912  
 396. June 14, 1912  
 397. May 14, 1912  
 398. April 14, 1912  
 399. March 14, 1912  
 400. February 14, 1912  
 401. January 14, 1912  
 402. December 14, 1911  
 403. November 14, 1911  
 404. October 14, 1911  
 405. September 14, 1911  
 406. August 14, 1911  
 407. July 14, 1911  
 408. June 14, 1911  
 409. May 14, 1911  
 410. April 14, 1911  
 411. March 14, 1911  
 412. February 14, 1911  
 413. January 14, 1911  
 414. December 14, 1910  
 415. November 14, 1910  
 416. October 14, 1910  
 417. September 14, 1910  
 418. August 14, 1910  
 419. July 14, 1910  
 420. June 14, 1910  
 421. May 14, 1910  
 422. April 14, 1910  
 423. March 14, 1910  
 424. February 14, 1910  
 425. January 14, 1910  
 426. December 14, 1909  
 427. November 14, 1909  
 428. October 14, 1909  
 429. September 14, 1909  
 430. August 14, 1909  
 431. July 14, 1909  
 432. June 14, 1909  
 433. May 14, 1909  
 434. April 14, 1909  
 435. March 14, 1909  
 436. February 14, 1909  
 437. January 14, 1909  
 438. December 14, 1908  
 439. November 14, 1908  
 440. October 14, 1908  
 441. September 14, 1908  
 442. August 14, 1908  
 443. July 14, 1908  
 444. June 14, 1908  
 445. May 14, 1908  
 446. April 14, 1908  
 447. March 14, 1908  
 448. February 14, 1908  
 449. January 14, 1908  
 450. December 14, 1907  
 451. November 14, 1907  
 452. October 14, 1907  
 453. September 14, 1907  
 454. August 14, 1907  
 455. July 14, 1907  
 456. June 14, 1907  
 457. May 14, 1907  
 458. April 14, 1907  
 459. March 14, 1907  
 460. February 14, 1907  
 461. January 14, 1907  
 462. December 14, 1906  
 463. November 14, 1906  
 464. October 14, 1906  
 465. September 14, 1906  
 466. August 14, 1906  
 467. July 14, 1906  
 468. June 14, 1906  
 469. May 14, 1906  
 470. April 14, 1906  
 471. March 14, 1906  
 472. February 14, 1906  
 473. January 14, 1906  
 474. December 14, 1905  
 475. November 14, 1905  
 476. October 14, 1905  
 477. September 14, 1905  
 478. August 14, 1905  
 479. July 14, 1905  
 480. June 14, 1905  
 481. May 14, 1905  
 482. April 14, 1905  
 483. March 14, 1905  
 484. February 14, 1905  
 485. January 14, 1905  
 486. December 14, 1904  
 487. November 14, 1904  
 488. October 14, 1904  
 489. September 14, 1904  
 490. August 14, 1904  
 491. July 14, 1904  
 492. June 14, 1904  
 493. May 14, 1904  
 494. April 14, 1904  
 495. March 14, 1904  
 496. February 14, 1904  
 497. January 14, 1904  
 498. December 14, 1903  
 499. November 14, 1903  
 500. October 14, 1903  
 501. September 14, 1903  
 502. August 14, 1903  
 503. July 14, 1903  
 504. June 14, 1903  
 505. May 14, 1903  
 506. April 14, 1903  
 507. March 14, 1903  
 508. February 14, 1903  
 509. January 14, 1903  
 510. December 14, 1902  
 511. November 14, 1902  
 512. October 14, 1902  
 513. September 14, 1902  
 514. August 14, 1902  
 515. July 14, 1902  
 516. June 14, 1902  
 517. May 14, 1902  
 518. April 14, 1902  
 519. March 14, 1902  
 520. February 14, 1902  
 521. January 14, 1902  
 522. December 14, 1901  
 523. November 14, 1901  
 524. October 14, 1901  
 525. September 14, 1901  
 526. August 14, 1901  
 527. July 14, 1901  
 528. June 14, 1901  
 529. May 14, 1901  
 530. April 14, 1901  
 531. March 14, 1901  
 532. February 14, 1901  
 533. January 14, 1901  
 534. December 14, 1900  
 535. November 14, 1900  
 536. October 14, 1900  
 537. September 14, 1900  
 538. August 14, 1900  
 539. July 14, 1900  
 540. June 14, 1900  
 541. May 14, 1900  
 542. April 14, 1900  
 543. March 14, 1900  
 544. February 14, 1900  
 545. January 14, 1900  
 546. December 14, 1899  
 547. November 14, 1899  
 548. October 14, 1899  
 549. September 14, 1899  
 550. August 14, 1899  
 551. July 14, 1899  
 552. June 14, 1899  
 553. May 14, 1899  
 554. April 14, 1899  
 555. March 14, 1899  
 556. February 14, 1899  
 557. January 14, 1899  
 558. December 14, 1898  
 559. November 14, 1898  
 560. October 14, 1898  
 561. September 14, 1898  
 562. August 14, 1898  
 563. July 14, 1898  
 564. June 14, 1898  
 565. May 14, 1898  
 566. April 14, 1898  
 567. March 14, 1898  
 568. February 14, 1898  
 569. January 14, 1898  
 570. December 14, 1897  
 571. November 14, 1897  
 572. October 14, 1897  
 573. September 14, 1897  
 574. August 14, 1897  
 575. July 14, 1897  
 576. June 14, 1897  
 577. May 14, 1897  
 578. April 14, 1897  
 579. March 14, 1897  
 580. February 14, 1897  
 581. January 14, 1897  
 582. December 14, 1896  
 583. November 14, 1896  
 584. October 14, 1896  
 585. September 14, 1896  
 586. August 14, 1896  
 587. July 14, 1896  
 588. June 14, 1896  
 589. May 14, 1896  
 590. April 14, 1896  
 591. March 14, 1896  
 592. February 14, 1896  
 593. January 14, 1896  
 594. December 14, 1895  
 595. November 14, 1895  
 596. October 14, 1895  
 597. September 14, 1895  
 598. August 14, 1895  
 599. July 14, 1895  
 600. June 14, 1895  
 601. May 14, 1895  
 602. April 14, 1895  
 603. March 14, 1895  
 604. February 14, 1895  
 605. January 14, 1895  
 606. December 14, 1894  
 607. November 14, 1894  
 608. October 14, 1894  
 609. September 14, 1894  
 610. August 14, 1894  
 611. July 14, 1894  
 612. June 14, 1894  
 613. May 14, 1894  
 614. April 14, 1894  
 615. March 14, 1894  
 616. February 14, 1894  
 617. January 14, 1894  
 618. December 14, 1893  
 619. November 14, 1893  
 620. October 14, 1893  
 621. September 14, 1893  
 622. August 14, 1893  
 623. July 14, 1893  
 624. June 14, 1893  
 625. May 14, 1893  
 626. April 14, 1893  
 627. March 14, 1893  
 628. February 14, 1893  
 629. January 14, 1893  
 630. December 14, 1892  
 631. November 14, 1892  
 632. October 14, 1892  
 633. September 14, 1892  
 634. August 14, 1892  
 635. July 14, 1892  
 636. June 14, 1892  
 637. May 14, 1892  
 638. April 14, 1892  
 639. March 14, 1892  
 640. February 14, 1892  
 641. January 14, 1892  
 642. December 14, 1891  
 643. November 14, 1891  
 644. October 14, 1891  
 645. September 14, 1891  
 646. August 14, 1891  
 647. July 14, 1891  
 648. June 14, 1891  
 649. May 14, 1891  
 650. April 14, 1891  
 651. March 14, 1891  
 652. February 14, 1891  
 653. January 14, 1891  
 654. December 14, 1890  
 655. November 14, 1890  
 656.



## ABBREVIATIONS ACRONYMS AND TERMS

4000  
 4001  
 4002  
 4003  
 4004  
 4005  
 4006  
 4007  
 4008  
 4009  
 4010  
 4011  
 4012  
 4013  
 4014  
 4015  
 4016  
 4017  
 4018  
 4019  
 4020  
 4021  
 4022  
 4023  
 4024  
 4025  
 4026  
 4027  
 4028  
 4029  
 4030  
 4031  
 4032  
 4033  
 4034  
 4035  
 4036  
 4037  
 4038  
 4039  
 4040  
 4041  
 4042  
 4043  
 4044  
 4045  
 4046  
 4047  
 4048  
 4049  
 4050  
 4051  
 4052  
 4053  
 4054  
 4055  
 4056  
 4057  
 4058  
 4059  
 4060  
 4061  
 4062  
 4063  
 4064  
 4065  
 4066  
 4067  
 4068  
 4069  
 4070  
 4071  
 4072  
 4073  
 4074  
 4075  
 4076  
 4077  
 4078  
 4079  
 4080  
 4081  
 4082  
 4083  
 4084  
 4085  
 4086  
 4087  
 4088  
 4089  
 4090  
 4091  
 4092  
 4093  
 4094  
 4095  
 4096  
 4097  
 4098  
 4099  
 4100  
 4101  
 4102  
 4103  
 4104  
 4105  
 4106  
 4107  
 4108  
 4109  
 4110  
 4111  
 4112  
 4113  
 4114  
 4115  
 4116  
 4117  
 4118  
 4119  
 4120  
 4121  
 4122  
 4123  
 4124  
 4125  
 4126  
 4127  
 4128  
 4129  
 4130  
 4131  
 4132  
 4133  
 4134  
 4135  
 4136  
 4137  
 4138  
 4139  
 4140  
 4141  
 4142  
 4143  
 4144  
 4145  
 4146  
 4147  
 4148  
 4149  
 4150  
 4151  
 4152  
 4153  
 4154  
 4155  
 4156  
 4157  
 4158  
 4159  
 4160  
 4161  
 4162  
 4163  
 4164  
 4165  
 4166  
 4167  
 4168  
 4169  
 4170  
 4171  
 4172  
 4173  
 4174  
 4175  
 4176  
 4177  
 4178  
 4179  
 4180  
 4181  
 4182  
 4183  
 4184  
 4185  
 4186  
 4187  
 4188  
 4189  
 4190  
 4191  
 4192  
 4193  
 4194  
 4195  
 4196  
 4197  
 4198  
 4199  
 4200  
 4201  
 4202  
 4203  
 4204  
 4205  
 4206  
 4207  
 4208  
 4209  
 4210  
 4211  
 4212  
 4213  
 4214  
 4215  
 4216  
 4217  
 4218  
 4219  
 4220  
 4221  
 4222  
 4223  
 4224  
 4225  
 4226  
 4227  
 4228  
 4229  
 4230  
 4231  
 4232  
 4233  
 4234  
 4235  
 4236  
 4237  
 4238  
 4239  
 4240  
 4241  
 4242  
 4243  
 4244  
 4245  
 4246  
 4247  
 4248  
 4249  
 4250  
 4251  
 4252  
 4253  
 4254  
 4255  
 4256  
 4257  
 4258  
 4259  
 4260  
 4261  
 4262  
 4263  
 4264  
 4265  
 4266  
 4267  
 4268  
 4269  
 4270  
 4271  
 4272  
 4273  
 4274  
 4275  
 4276  
 4277  
 4278  
 4279  
 4280  
 4281  
 4282  
 4283  
 4284  
 4285  
 4286  
 4287  
 4288  
 4289  
 4290  
 4291  
 4292  
 4293  
 4294  
 4295  
 4296  
 4297  
 4298  
 4299  
 4300  
 4301  
 4302  
 4303  
 4304  
 4305  
 4306  
 4307  
 4308  
 4309  
 4310  
 4311  
 4312  
 4313  
 4314  
 4315  
 4316  
 4317  
 4318  
 4319  
 4320  
 4321  
 4322  
 4323  
 4324  
 4325  
 4326  
 4327  
 4328  
 4329  
 4330  
 4331  
 4332  
 4333  
 4334  
 4335  
 4336  
 4337  
 4338  
 4339  
 4340  
 4341  
 4342  
 4343  
 4344  
 4345  
 4346  
 4347  
 4348  
 4349  
 4350  
 4351  
 4352  
 4353  
 4354  
 4355  
 4356  
 4357  
 4358  
 4359  
 4360  
 4361  
 4362  
 4363  
 4364  
 4365  
 4366  
 4367  
 4368  
 4369  
 4370  
 4371  
 4372  
 4373  
 4374  
 4375  
 4376  
 4377  
 4378  
 4379  
 4380  
 4381  
 4382  
 4383  
 4384  
 4385  
 4386  
 4387  
 4388  
 4389  
 4390  
 4391  
 4392  
 4393  
 4394  
 4395  
 4396  
 4397  
 4398  
 4399  
 4400  
 4401  
 4402  
 4403  
 4404  
 4405  
 4406  
 4407  
 4408  
 4409  
 4410  
 4411  
 4412  
 4413  
 4414  
 4415  
 4416  
 4417  
 4418  
 4419  
 4420  
 4421  
 4422  
 4423  
 4424  
 4425  
 4426  
 4427  
 4428  
 4429  
 4430  
 4431  
 4432  
 4433  
 4434  
 4435  
 4436  
 4437  
 4438  
 4439  
 4440  
 4441  
 4442  
 4443  
 4444  
 4445  
 4446  
 4447  
 4448  
 4449  
 4450  
 4451  
 4452  
 4453  
 4454

▼

[illegible]

Scanned with CamScanner

Scanned with CamScanner

151103-40T 00V 20000000

Scanned with CamScanner















MCCS

$$\frac{d}{du} (u \cdot v) = \frac{d}{du} (u^T v)$$

$$= \frac{d}{du} (u^T) v + u^T \frac{d}{du} v$$

$$= I v + u^T \frac{d}{du} v$$

$$= v + u^T \frac{d}{du} v$$

$$= v$$

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

A.  $\log_2 16 = 4$   
 B.  $\log_2 8 = 3$   
 C.  $\log_2 4 = 2$   
 D.  $\log_2 2 = 1$   
 E.  $\log_2 1 = 0$

1.  $\frac{1}{x^2} = x^{-2}$   
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$   
 $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$   
 2.  $\frac{1}{x^3} = x^{-3}$   
 $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$   
 $\frac{d}{dx} \frac{1}{x^3} = -\frac{3}{x^4}$   
 3.  $\frac{1}{x^4} = x^{-4}$   
 $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$   
 $\frac{d}{dx} \frac{1}{x^4} = -\frac{4}{x^5}$   
 4.  $\frac{1}{x^5} = x^{-5}$   
 $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$   
 $\frac{d}{dx} \frac{1}{x^5} = -\frac{5}{x^6}$   
 5.  $\frac{1}{x^6} = x^{-6}$   
 $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$   
 $\frac{d}{dx} \frac{1}{x^6} = -\frac{6}{x^7}$   
 6.  $\frac{1}{x^7} = x^{-7}$   
 $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$   
 $\frac{d}{dx} \frac{1}{x^7} = -\frac{7}{x^8}$   
 7.  $\frac{1}{x^8} = x^{-8}$   
 $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$   
 $\frac{d}{dx} \frac{1}{x^8} = -\frac{8}{x^9}$   
 8.  $\frac{1}{x^9} = x^{-9}$   
 $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$   
 $\frac{d}{dx} \frac{1}{x^9} = -\frac{9}{x^{10}}$   
 9.  $\frac{1}{x^{10}} = x^{-10}$   
 $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$   
 $\frac{d}{dx} \frac{1}{x^{10}} = -\frac{10}{x^{11}}$

[illegible]

3. A)  $\frac{1}{2}$  m/s  
B)  $\frac{1}{2}$  m/s  
C)  $\frac{1}{2}$  m/s  
D)  $\frac{1}{2}$  m/s

4. A)  $\frac{1}{2}$  m/s  
B)  $\frac{1}{2}$  m/s  
C)  $\frac{1}{2}$  m/s  
D)  $\frac{1}{2}$  m/s

1. A. The first part of the document is a list of names and addresses. The names are: A. B. C. D. E. F. G. H. I. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. X. Y. Z. The addresses are: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825

[illegible]

9.  $\Delta ABC$  is a right-angled triangle.  $\angle C = 90^\circ$ .  
 In  $\Delta ABC$ ,  $\angle A = 30^\circ$ ,  $\angle B = 60^\circ$ ,  $\angle C = 90^\circ$ .  
 In  $\Delta ABC$ ,  $\angle A = 30^\circ$ ,  $\angle B = 60^\circ$ ,  $\angle C = 90^\circ$ .  
 In  $\Delta ABC$ ,  $\angle A = 30^\circ$ ,  $\angle B = 60^\circ$ ,  $\angle C = 90^\circ$ .  
 In  $\Delta ABC$ ,  $\angle A = 30^\circ$ ,  $\angle B = 60^\circ$ ,  $\angle C = 90^\circ$ .

10.  $\Delta ABC$  is a right-angled triangle.  $\angle C = 90^\circ$ .  
 In  $\Delta ABC$ ,  $\angle A = 30^\circ$ ,  $\angle B = 60^\circ$ ,  $\angle C = 90^\circ$ .  
 In  $\Delta ABC$ ,  $\angle A = 30^\circ$ ,  $\angle B = 60^\circ$ ,  $\angle C = 90^\circ$ .  
 In  $\Delta ABC$ ,  $\angle A = 30^\circ$ ,  $\angle B = 60^\circ$ ,  $\angle C = 90^\circ$ .  
 In  $\Delta ABC$ ,  $\angle A = 30^\circ$ ,  $\angle B = 60^\circ$ ,  $\angle C = 90^\circ$ .

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[illegible]

$$P(V) = 1 - P(\text{not } V) = 1 - \frac{1}{2} = \frac{1}{2}$$

$$P(W) = 1 - P(\text{not } W) = 1 - \frac{1}{2} = \frac{1}{2}$$

$$P(X) = 1 - P(\text{not } X) = 1 - \frac{1}{2} = \frac{1}{2}$$

$$P(Y) = 1 - P(\text{not } Y) = 1 - \frac{1}{2} = \frac{1}{2}$$

$$P(Z) = 1 - P(\text{not } Z) = 1 - \frac{1}{2} = \frac{1}{2}$$

4.  $\sigma: \mathbb{P}^1 \rightarrow \mathbb{P}^1$  is a map of degree 4. The map  $\sigma$  is defined by the following table:

$x$	$y$	$\sigma(x)$	$\sigma(y)$
0	1	1	0
1	0	0	1
2	1	3	2
3	2	2	3
4	3	4	4
5	4	5	5

5.  $\tau: \mathbb{P}^1 \rightarrow \mathbb{P}^1$  is a map of degree 4. The map  $\tau$  is defined by the following table:

$x$	$y$	$\tau(x)$	$\tau(y)$
0	1	1	0
1	0	0	1
2	1	3	2
3	2	2	3
4	3	4	4
5	4	5	5

[illegible][illegible]

20.  $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$

21.  $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$

[illegible]

2d. What does the word "reformation" mean?  
 a. Improvement  
 b. Change  
 c. Restoration  
 d. Renewal

3. What is the meaning of the word "reformation"?  
 a. Improvement  
 b. Change  
 c. Restoration  
 d. Renewal

1.  $\frac{1}{x^2} = x^{-2}$   $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

2.  $\frac{1}{x^3} = x^{-3}$   $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$

3.  $\frac{1}{x^4} = x^{-4}$   $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$

4.  $\frac{1}{x^5} = x^{-5}$   $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$

5.  $\frac{1}{x^6} = x^{-6}$   $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

6.  $\frac{1}{x^7} = x^{-7}$   $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

7.  $\frac{1}{x^8} = x^{-8}$   $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$

8.  $\frac{1}{x^9} = x^{-9}$   $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$

9.  $\frac{1}{x^{10}} = x^{-10}$   $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$

10.  $\frac{1}{x^{11}} = x^{-11}$   $\frac{d}{dx} x^{-11} = -11x^{-12} = -\frac{11}{x^{12}}$

11.  $\frac{1}{x^{12}} = x^{-12}$   $\frac{d}{dx} x^{-12} = -12x^{-13} = -\frac{12}{x^{13}}$

12.  $\frac{1}{x^{13}} = x^{-13}$   $\frac{d}{dx} x^{-13} = -13x^{-14} = -\frac{13}{x^{14}}$

13.  $\frac{1}{x^{14}} = x^{-14}$   $\frac{d}{dx} x^{-14} = -14x^{-15} = -\frac{14}{x^{15}}$

14.  $\frac{1}{x^{15}} = x^{-15}$   $\frac{d}{dx} x^{-15} = -15x^{-16} = -\frac{15}{x^{16}}$

15.  $\frac{1}{x^{16}} = x^{-16}$   $\frac{d}{dx} x^{-16} = -16x^{-17} = -\frac{16}{x^{17}}$

16.  $\frac{1}{x^{17}} = x^{-17}$   $\frac{d}{dx} x^{-17} = -17x^{-18} = -\frac{17}{x^{18}}$

17.  $\frac{1}{x^{18}} = x^{-18}$   $\frac{d}{dx} x^{-18} = -18x^{-19} = -\frac{18}{x^{19}}$

18.  $\frac{1}{x^{19}} = x^{-19}$   $\frac{d}{dx} x^{-19} = -19x^{-20} = -\frac{19}{x^{20}}$

19.  $\frac{1}{x^{20}} = x^{-20}$   $\frac{d}{dx} x^{-20} = -20x^{-21} = -\frac{20}{x^{21}}$

20.  $\frac{1}{x^{21}} = x^{-21}$   $\frac{d}{dx} x^{-21} = -21x^{-22} = -\frac{21}{x^{22}}$

21.  $\frac{1}{x^{22}} = x^{-22}$   $\frac{d}{dx} x^{-22} = -22x^{-23} = -\frac{22}{x^{23}}$

22.  $\frac{1}{x^{23}} = x^{-23}$   $\frac{d}{dx} x^{-23} = -23x^{-24} = -\frac{23}{x^{24}}$

23.  $\frac{1}{x^{24}} = x^{-24}$   $\frac{d}{dx} x^{-24} = -24x^{-25} = -\frac{24}{x^{25}}$

24.  $\frac{1}{x^{25}} = x^{-25}$   $\frac{d}{dx} x^{-25} = -25x^{-26} = -\frac{25}{x^{26}}$

25.  $\frac{1}{x^{26}} = x^{-26}$   $\frac{d}{dx} x^{-26} = -26x^{-27} = -\frac{26}{x^{27}}$

26.  $\frac{1}{x^{27}} = x^{-27}$   $\frac{d}{dx} x^{-27} = -27x^{-28} = -\frac{27}{x^{28}}$

27.  $\frac{1}{x^{28}} = x^{-28}$   $\frac{d}{dx} x^{-28} = -28x^{-29} = -\frac{28}{x^{29}}$

28.  $\frac{1}{x^{29}} = x^{-29}$   $\frac{d}{dx} x^{-29} = -29x^{-30} = -\frac{29}{x^{30}}$

29.  $\frac{1}{x^{30}} = x^{-30}$   $\frac{d}{dx} x^{-30} = -30x^{-31} = -\frac{30}{x^{31}}$

30.  $\frac{1}{x^{31}} = x^{-31}$   $\frac{d}{dx} x^{-31} = -31x^{-32} = -\frac{31}{x^{32}}$

31.  $\frac{1}{x^{32}} = x^{-32}$   $\frac{d}{dx} x^{-32} = -32x^{-33} = -\frac{32}{x^{33}}$

32.  $\frac{1}{x^{33}} = x^{-33}$   $\frac{d}{dx} x^{-33} = -33x^{-34} = -\frac{33}{x^{34}}$

33.  $\frac{1}{x^{34}} = x^{-34}$   $\frac{d}{dx} x^{-34} = -34x^{-35} = -\frac{34}{x^{35}}$

34.  $\frac{1}{x^{35}} = x^{-35}$   $\frac{d}{dx} x^{-35} = -35x^{-36} = -\frac{35}{x^{36}}$

35.  $\frac{1}{x^{36}} = x^{-36}$   $\frac{d}{dx} x^{-36} = -36x^{-37} = -\frac{36}{x^{37}}$

36.  $\frac{1}{x^{37}} = x^{-37}$   $\frac{d}{dx} x^{-37} = -37x^{-38} = -\frac{37}{x^{38}}$

37.  $\frac{1}{x^{38}} = x^{-38}$   $\frac{d}{dx} x^{-38} = -38x^{-39} = -\frac{38}{x^{39}}$

38.  $\frac{1}{x^{39}} = x^{-39}$   $\frac{d}{dx} x^{-39} = -39x^{-40} = -\frac{39}{x^{40}}$

39.  $\frac{1}{x^{40}} = x^{-40}$   $\frac{d}{dx} x^{-40} = -40x^{-41} = -\frac{40}{x^{41}}$

40.  $\frac{1}{x^{41}} = x^{-41}$   $\frac{d}{dx} x^{-41} = -41x^{-42} = -\frac{41}{x^{42}}$

41.  $\frac{1}{x^{42}} = x^{-42}$   $\frac{d}{dx} x^{-42} = -42x^{-43} = -\frac{42}{x^{43}}$

42.  $\frac{1}{x^{43}} = x^{-43}$   $\frac{d}{dx} x^{-43} = -43x^{-44} = -\frac{43}{x^{44}}$

43.  $\frac{1}{x^{44}} = x^{-44}$   $\frac{d}{dx} x^{-44} = -44x^{-45} = -\frac{44}{x^{45}}$

44.  $\frac{1}{x^{45}} = x^{-45}$   $\frac{d}{dx} x^{-45} = -45x^{-46} = -\frac{45}{x^{46}}$

45.  $\frac{1}{x^{46}} = x^{-46}$   $\frac{d}{dx} x^{-46} = -46x^{-47} = -\frac{46}{x^{47}}$

46.  $\frac{1}{x^{47}} = x^{-47}$   $\frac{d}{dx} x^{-47} = -47x^{-48} = -\frac{47}{x^{48}}$

47.  $\frac{1}{x^{48}} = x^{-48}$   $\frac{d}{dx} x^{-48} = -48x^{-49} = -\frac{48}{x^{49}}$

48.  $\frac{1}{x^{49}} = x^{-49}$   $\frac{d}{dx} x^{-49} = -49x^{-50} = -\frac{49}{x^{50}}$

49.  $\frac{1}{x^{50}} = x^{-50}$   $\frac{d}{dx} x^{-50} = -50x^{-51} = -\frac{50}{x^{51}}$

50.  $\frac{1}{x^{51}} = x^{-51}$   $\frac{d}{dx} x^{-51} = -51x^{-52} = -\frac{51}{x^{52}}$

51.  $\frac{1}{x^{52}} = x^{-52}$   $\frac{d}{dx} x^{-52} = -52x^{-53} = -\frac{52}{x^{53}}$

52.  $\frac{1}{x^{53}} = x^{-53}$   $\frac{d}{dx} x^{-53} = -53x^{-54} = -\frac{53}{x^{54}}$

53.  $\frac{1}{x^{54}} = x^{-54}$   $\frac{d}{dx} x^{-54} = -54x^{-55} = -\frac{54}{x^{55}}$

54.  $\frac{1}{x^{55}} = x^{-55}$   $\frac{d}{dx} x^{-55} = -55x^{-56} = -\frac{55}{x^{56}}$

55.  $\frac{1}{x^{56}} = x^{-56}$   $\frac{d}{dx} x^{-56} = -56x^{-57} = -\frac{56}{x^{57}}$

56.  $\frac{1}{x^{57}} = x^{-57}$   $\frac{d}{dx} x^{-57} = -57x^{-58} = -\frac{57}{x^{58}}$

57.  $\frac{1}{x^{58}} = x^{-58}$   $\frac{d}{dx} x^{-58} = -58x^{-59} = -\frac{58}{x^{59}}$

58.  $\frac{1}{x^{59}} = x^{-59}$   $\frac{d}{dx} x^{-59} = -59x^{-60} = -\frac{59}{x^{60}}$

59.  $\frac{1}{x^{60}} = x^{-60}$   $\frac{d}{dx} x^{-60} = -60x^{-61} = -\frac{60}{x^{61}}$

60.  $\frac{1}{x^{61}} = x^{-61}$   $\frac{d}{dx} x^{-61} = -61x^{-62} = -\frac{61}{x^{62}}$

61.  $\frac{1}{x^{62}} = x^{-62}$   $\frac{d}{dx} x^{-62} = -62x^{-63} = -\frac{62}{x^{63}}$

62.  $\frac{1}{x^{63}} = x^{-63}$   $\frac{d}{dx} x^{-63} = -63x^{-64} = -\frac{63}{x^{64}}$

63.  $\frac{1}{x^{64}} = x^{-64}$   $\frac{d}{dx} x^{-64} = -64x^{-65} = -\frac{64}{x^{65}}$

64.  $\frac{1}{x^{65}} = x^{-65}$   $\frac{d}{dx} x^{-65} = -65x^{-66} = -\frac{65}{x^{66}}$

10. *Chlorophyll a* and *Chlorophyll b* are the two main photosynthetic pigments in green plants. They are responsible for capturing light energy and converting it into chemical energy through the process of photosynthesis.

Scanned with CamScanner







1. What is the main purpose of the passage?  
 2. What is the author's attitude towards the subject?  
 3. What is the main idea of the passage?  
 4. What is the author's purpose in writing the passage?

[illegible]



1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.



1. The first of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

2. The second of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

3. The third of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

4. The fourth of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

5. The fifth of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

6. The sixth of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

7. The seventh of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

8. The eighth of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

9. The ninth of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

10. The tenth of the following is a correct statement of the law of conservation of mass.

a. The mass of a system is constant.

b. The mass of a system is constant if no mass enters or leaves the system.

c. The mass of a system is constant if the system is closed.

d. The mass of a system is constant if the system is isolated.

		ANSWERS			
1.	a	2.	b	3.	c
4.	d	5.	a	6.	b
7.	c	8.	d	9.	a
10.	b	11.	c	12.	d
13.	a	14.	b	15.	c
16.	d	17.	a	18.	b
19.	c	20.	d	21.	a
22.	b	23.	c	24.	d
25.	a	26.	b	27.	c
28.	d	29.	a	30.	b
31.	c	32.	d	33.	a
34.	b	35.	c	36.	d
37.	a	38.	b	39.	c
40.	d	41.	a	42.	b
43.	c	44.	d	45.	a
46.	b	47.	c	48.	d
49.	a	50.	b	51.	c
52.	d	53.	a	54.	b
55.	c	56.	d	57.	a
58.	b	59.	c	60.	d
61.	a	62.	b	63.	c
64.	d	65.	a	66.	b
67.	c	68.	d	69.	a
70.	b	71.	c	72.	d
73.	a	74.	b	75.	c
76.	d	77.	a	78.	b
79.	c	80.	d	81.	a
82.	b	83.	c	84.	d
85.	a	86.	b	87.	c
88.	d	89.	a	90.	b
91.	c	92.	d	93.	a
94.	b	95.	c	96.	d
97.	a	98.	b	99.	c
100.	d	101.	a	102.	b
103.	c	104.	d	105.	a
106.	b	107.	c	108.	d
109.	a	110.	b	111.	c
112.	d	113.	a	114.	b
115.	c	116.	d	117.	a
118.	b	119.	c	120.	d
121.	a	122.	b	123.	c
124.	d	125.	a	126.	b
127.	c	128.	d	129.	a
130.	b	131.	c	132.	d
133.	a	134.	b	135.	c
136.	d	137.	a	138.	b
139.	c	140.	d	141.	a
142.	b	143.	c	144.	d
145.	a	146.	b	147.	c
148.	d	149.	a	150.	b
151.	c	152.	d	153.	a
154.	b	155.	c	156.	d
157.	a	158.	b	159.	c
160.	d	161.	a	162.	b



# ECONOMICS

1. To determine the current value of GDP it is

the "to add up the values of goods and services

produced in a country

in a particular year

at market prices

including the value of government services

and the value of net exports

and the value of net imports

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

and the value of net foreign investment

and the value of net capital flows

2. Which of the following is not a component of GDP?

a. Government services

b. Net exports

c. Net imports

d. Net foreign investment

e. Net capital flows

f. Net foreign investment

g. Net capital flows

h. Net foreign investment

i. Net capital flows

j. Net foreign investment

k. Net capital flows

l. Net foreign investment

m. Net capital flows

n. Net foreign investment

o. Net capital flows

p. Net foreign investment

q. Net capital flows

r. Net foreign investment

s. Net capital flows

t. Net foreign investment

u. Net capital flows

v. Net foreign investment

w. Net capital flows

x. Net foreign investment

y. Net capital flows

z. Net foreign investment

aa. Net capital flows

ab. Net foreign investment

ac. Net capital flows

ad. Net foreign investment

ae. Net capital flows

af. Net foreign investment

ag. Net capital flows

ah. Net foreign investment

ai. Net capital flows

aj. Net foreign investment

3. Which of the following is not a component of GDP?

a. Government services

b. Net exports

c. Net imports

d. Net foreign investment

e. Net capital flows

f. Net foreign investment

g. Net capital flows

h. Net foreign investment

i. Net capital flows

j. Net foreign investment

k. Net capital flows

l. Net foreign investment

m. Net capital flows

n. Net foreign investment

o. Net capital flows

p. Net foreign investment

q. Net capital flows

r. Net foreign investment

s. Net capital flows

t. Net foreign investment

u. Net capital flows

v. Net foreign investment

w. Net capital flows

x. Net foreign investment

y. Net capital flows

z. Net foreign investment

aa. Net capital flows

ab. Net foreign investment

ac. Net capital flows

ad. Net foreign investment

ae. Net capital flows

af. Net foreign investment

ag. Net capital flows

ah. Net foreign investment

ai. Net capital flows

aj. Net foreign investment

ak. Net capital flows

al. Net foreign investment

am. Net capital flows

4. Which of the following is not a component of GDP?

a. Government services

b. Net exports

c. Net imports

d. Net foreign investment

e. Net capital flows

f. Net foreign investment

g. Net capital flows

h. Net foreign investment

i. Net capital flows

j. Net foreign investment

k. Net capital flows

l. Net foreign investment

m. Net capital flows

n. Net foreign investment

o. Net capital flows

p. Net foreign investment

q. Net capital flows

r. Net foreign investment

s. Net capital flows

t. Net foreign investment

u. Net capital flows

v. Net foreign investment

w. Net capital flows

x. Net foreign investment

y. Net capital flows

z. Net foreign investment

aa. Net capital flows

ab. Net foreign investment

ac. Net capital flows

ad. Net foreign investment

ae. Net capital flows

af. Net foreign investment

ag. Net capital flows

ah. Net foreign investment

ai. Net capital flows

aj. Net foreign investment

ak. Net capital flows

al. Net foreign investment

am. Net capital flows







[illegible]

13. Which subject is not a part of the curriculum of the University of the Philippines?

a. English  
b. History  
c. Philosophy  
d. Science

14. Which of the following is not a part of the curriculum of the University of the Philippines?

a. English  
b. History  
c. Philosophy  
d. Science

15. Which of the following is not a part of the curriculum of the University of the Philippines?

a. English  
b. History  
c. Philosophy  
d. Science

16. Which of the following is not a part of the curriculum of the University of the Philippines?

a. English  
b. History  
c. Philosophy  
d. Science

17. Which of the following is not a part of the curriculum of the University of the Philippines?

a. English  
b. History  
c. Philosophy  
d. Science

18. Which of the following is not a part of the curriculum of the University of the Philippines?

a. English  
b. History  
c. Philosophy  
d. Science

19. Which of the following is not a part of the curriculum of the University of the Philippines?

a. English  
b. History  
c. Philosophy  
d. Science

20. Which of the following is not a part of the curriculum of the University of the Philippines?

a. English  
b. History  
c. Philosophy  
d. Science

36. A) 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 8

[illegible]











and the other is the fact that the  
the other is the fact that the  
the other is the fact that the

1. What kind of company is started with the  
idea of producing computers?  
 a. Apple                      10. Apple  
 b. IBM                      11. Apple  
 c. IBM                      12. Apple  
 d. IBM                      13. Apple  
 e. IBM                      14. Apple  
 f. IBM                      15. Apple  
 g. IBM                      16. Apple  
 h. IBM                      17. Apple  
 i. IBM                      18. Apple  
 j. IBM                      19. Apple  
 k. IBM                      20. Apple  
 l. IBM                      21. Apple  
 m. IBM                      22. Apple  
 n. IBM                      23. Apple  
 o. IBM                      24. Apple  
 p. IBM                      25. Apple  
 q. IBM                      26. Apple  
 r. IBM                      27. Apple  
 s. IBM                      28. Apple  
 t. IBM                      29. Apple  
 u. IBM                      30. Apple  
 v. IBM                      31. Apple  
 w. IBM                      32. Apple  
 x. IBM                      33. Apple  
 y. IBM                      34. Apple  
 z. IBM                      35. Apple

del "Gran Sur" que el 9 de febrero de 1964, el presidente de la Junta Militar, General Juan Carlos Rodríguez Larrea, declaró:

(d) Explain a right property that has structure.

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$  and  $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

21.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

*[Faint handwritten notes at the bottom of the page]*

1. 1940-1941 2. 1942-1943 3. 1944-1945 4. 1946-1947 5. 1948-1949 6. 1950-1951 7. 1952-1953 8. 1954-1955 9. 1956-1957 10. 1958-1959 11. 1960-1961 12. 1962-1963 13. 1964-1965 14. 1966-1967 15. 1968-1969 16. 1970-1971 17. 1972-1973 18. 1974-1975 19. 1976-1977 20. 1978-1979 21. 1980-1981 22. 1982-1983 23. 1984-1985 24. 1986-1987 25. 1988-1989 26. 1990-1991 27. 1992-1993 28. 1994-1995 29. 1996-1997 30. 1998-1999 31. 2000-2001 32. 2002-2003 33. 2004-2005 34. 2006-2007 35. 2008-2009 36. 2010-2011 37. 2012-2013 38. 2014-2015 39. 2016-2017 40. 2018-2019 41. 2020-2021 42. 2022-2023 43. 2024-2025 44. 2026-2027 45. 2028-2029 46. 2030-2031 47. 2032-2033 48. 2034-2035 49. 2036-2037 50. 2038-2039 51. 2040-2041 52. 2042-2043 53. 2044-2045 54. 2046-2047 55. 2048-2049 56. 2050-2051 57. 2052-2053 58. 2054-2055 59. 2056-2057 60. 2058-2059 61. 2060-2061 62. 2062-2063 63. 2064-2065 64. 2066-2067 65. 2068-2069 66. 2070-2071 67. 2072-2073 68. 2074-2075 69. 2076-2077 70. 2078-2079 71. 2080-2081 72. 2082-2083 73. 2084-2085 74. 2086-2087 75. 2088-2089 76. 2090-2091 77. 2092-2093 78. 2094-2095 79. 2096-2097 80. 2098-2099 81. 2100-2101 82. 2102-2103 83. 2104-2105 84. 2106-2107 85. 2108-2109 86. 2110-2111 87. 2112-2113 88. 2114-2115 89. 2116-2117 90. 2118-2119 91. 2120-2121 92. 2122-2123 93. 2124-2125 94. 2126-2127 95. 2128-2129 96. 2130-2131 97. 2132-2133 98. 2134-2135 99. 2136-2137 100. 2138-2139 101. 2140-2141 102. 2142-2143 103. 2144-2145 104. 2146-2147 105. 2148-2149 106. 2150-2151 107. 2152-2153 108. 2154-2155 109. 2156-2157 110. 2158-2159 111. 2160-2161 112. 2162-2163 113. 2164-2165 114. 2166-2167 115. 2168-2169 116. 2170-2171 117. 2172-2173 118. 2174-2175 119. 2176-2177 120. 2178-2179 121. 2180-2181 122. 2182-2183 123. 2184-2185 124. 2186-2187 125. 2188-2189 126. 2190-2191 127. 2192-2193 128. 2194-2195 129. 2196-2197 130. 2198-2199 131. 2200-2201 132. 2202-2203 133. 2204-2205 134. 2206-2207 135. 2208-2209 136. 2210-2211 137. 2212-2213 138. 2214-2215 139. 2216-2217 140. 2218-2219 141. 2220-2221 142. 2222-2223 143. 2224-2225 144. 2226-2227 145. 2228-2229 146. 2230-2231 147. 2232-2233 148. 2234-2235 149. 2236-2237 150. 2238-2239 151. 2240-2241 152. 2242-2243 153. 2244-2245 154. 2246-2247 155. 2248-2249 156. 2250-2251 157. 2252-2253 158. 2254-2255 159. 2256-2257 160. 2258-2259 161. 2260-2261 162. 2262-2263 163. 2264-2265 164. 2266-2267 165. 2268-2269 166. 2270-2271 167. 2272-2273 168. 2274-2275 169. 2276-2277 170. 2278-2279 171. 2280-2281 172. 2282-2283 173. 2284-2285 174. 2286-2287 175. 2288-2289 176. 2290-2291 177. 2292-2293 178. 2294-2295 179. 2296-2297 180. 2298-2299 181. 2300-2301 182. 2302-2303 183. 2304-2305 184. 2306-2307 185. 2308-2309 186. 2310-2311 187. 2312-2313 188. 2314-2315 189. 2316-2317 190. 2318-2319 191. 2320-2321 192. 2322-2323 193. 2324-2325 194. 2326-2327 195. 2328-2329 196. 2330-2331 197. 2332-2333 198. 2334-2335 199. 2336-2337 200. 2338-2339 201. 2340-2341 202. 2342-2343 203. 2344-2345 204. 2346-2347 205. 2348-2349 206. 2350-2351 207. 2352-2353 208. 2354-2355 209. 2356-2357 210. 2358-2359 211. 2360-2361 212. 2362-2363 213. 2364-2365 214. 2366-2367 215. 2368-2369 216. 2370-2371 217. 2372-2373 218. 2374-2375 219. 2376-2377 220. 2378-2379 221. 2380-2381 222. 2382-2383 223. 2384-2385 224. 2386-2387 225. 2388-2389 226. 2390-2391 227. 2392-2393 228. 2394-2395 229. 2396-2397 230. 2398-2399 231. 2400-2401 232. 2402-2403 233. 2404-2405 234. 2406-2407 235. 2408-2409 236. 2410-2411 237. 2412-2413 238. 2414-2415 239. 2416-2417 240. 2418-2419 241. 2420-2421 242. 2422-2423 243. 2424-2425 244. 2426-2427 245. 2428-2429 246. 2430-2431 247. 2432-2433 248. 2434-2435 249. 2436-2437 250. 2438-2439 251. 2440-2441 252. 2442-2443 253. 2444-2445 254. 2446-2447 255. 2448-2449 256. 2450-2451 257. 2452-2453 258. 2454-2455 259. 2456-2457 260. 2458-2459 261. 2460-2461 262. 2462-2463 263. 2464-2465 264. 2466-2467 265. 2468-2469 266. 2470-2471 267. 2472-2473 268. 2474-2475 269. 2476-2477 270. 2478-2479 271. 2480-2481 272. 2482-2483 273. 2484-2485 274. 2486-2487 275. 2488-2489 276. 2490-2491 277. 2492-2493 278. 2494-2495 279. 2496-2497 280. 2498-2499 28

... ..

1974

*[Faint, illegible text from bleed-through]*

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1991 12 29 10:00 AM

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

Page 105

He was a very good person and a very good person.

Figure 1 is a schematic diagram of the experimental setup. It shows a subject (represented by a stick figure) interacting with a computer monitor. The monitor displays a target (T) and a starting point (S). The distance between S and T is labeled 'distance'. The subject's hand is shown moving from S to T. The monitor also displays a 'distance' label and a 'time' label.

by \_\_\_\_\_

4. The results of the study show that the use of the proposed method can significantly reduce the time and cost of the design process, and improve the quality of the design results.

1. *Chrysomelidae* (Coleoptera) (100%)

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. The first step is to identify the problem or question that needs to be answered.

[illegible]

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

... ..

7) *At the end of the library is a reference desk*  
*There is a large room on the right*

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26



— + —







## 32

Index of Quality 1 2 3 4 5 6 7 8 9 10

Handwritten notes on lined paper:

1.  $2x^2 - 3x + 4$

2.  $5x^2 - 2x + 1$

3.  $3x^2 + 7x - 2$

4.  $4x^2 - 5x + 3$

5.  $6x^2 - 8x + 5$

6.  $7x^2 - 9x + 6$

7.  $8x^2 - 10x + 7$

8.  $9x^2 - 11x + 8$

9.  $10x^2 - 12x + 9$

10.  $11x^2 - 13x + 10$

11.  $12x^2 - 14x + 11$

12.  $13x^2 - 15x + 12$

13.  $14x^2 - 16x + 13$

14.  $15x^2 - 17x + 14$

15.  $16x^2 - 18x + 15$

16.  $17x^2 - 19x + 16$

17.  $18x^2 - 20x + 17$

18.  $19x^2 - 21x + 18$

19.  $20x^2 - 22x + 19$

20.  $21x^2 - 23x + 20$

21.  $22x^2 - 24x + 21$

22.  $23x^2 - 25x + 22$

23.  $24x^2 - 26x + 23$

24.  $25x^2 - 27x + 24$

25.  $26x^2 - 28x + 25$

26.  $27x^2 - 29x + 26$

27.  $28x^2 - 30x + 27$

28.  $29x^2 - 31x + 28$

29.  $30x^2 - 32x + 29$

30.  $31x^2 - 33x + 30$

31.  $32x^2 - 34x + 31$

32.  $33x^2 - 35x + 32$

33.  $34x^2 - 36x + 33$

34.  $35x^2 - 37x + 34$

35.  $36x^2 - 38x + 35$

36.  $37x^2 - 39x + 36$

37.  $38x^2 - 40x + 37$

38.  $39x^2 - 41x + 38$

39.  $40x^2 - 42x + 39$

40.  $41x^2 - 43x + 40$

41.  $42x^2 - 44x + 41$

42.  $43x^2 - 45x + 42$

43.  $44x^2 - 46x + 43$

44.  $45x^2 - 47x + 44$

45.  $46x^2 - 48x + 45$

46.  $47x^2 - 49x + 46$

47.  $48x^2 - 50x + 47$

48.  $49x^2 - 51x + 48$

49.  $50x^2 - 52x + 49$

50.  $51x^2 - 53x + 50$

51.  $52x^2 - 54x + 51$

52.  $53x^2 - 55x + 52$

53.  $54x^2 - 56x + 53$

54.  $55x^2 - 57x + 54$

55.  $56x^2 - 58x + 55$

56.  $57x^2 - 59x + 56$

57.  $58x^2 - 60x + 57$

58.  $59x^2 - 61x + 58$

59.  $60x^2 - 62x + 59$

60.  $61x^2 - 63x + 60$

61.  $62x^2 - 64x + 61$

62.  $63x^2 - 65x + 62$

63.  $64x^2 - 66x + 63$

64.  $65x^2 - 67x + 64$

65.  $66x^2 - 68x + 65$

66.  $67x^2 - 69x + 66$

67.  $68x^2 - 70x + 67$

68.  $69x^2 - 71x + 68$

69.  $70x^2 - 72x + 69$

70.  $71x^2 - 73x + 70$

71.  $72x^2 - 74x + 71$

72.  $73x^2 - 75x + 72$

73.  $74x^2 - 76x + 73$

74.  $75x^2 - 77x + 74$

75.  $76x^2 - 78x + 75$

76.  $77x^2 - 79x + 76$

77.  $78x^2 - 80x + 77$

78.  $79x^2 - 81x + 78$

79.  $80x^2 - 82x + 79$

80.  $81x^2 - 83x + 80$

81.  $82x^2 - 84x + 81$

82.  $83x^2 - 85x + 82$

83.  $84x^2 - 86x + 83$

84.  $85x^2 - 87x + 84$

85.  $86x^2 - 88x + 85$

86.  $87x^2 - 89x + 86$

87.  $88x^2 - 90x + 87$

88.  $89x^2 - 91x + 88$

89.  $90x^2 - 92x + 89$

90.  $91x^2 - 93x + 90$

91.  $92x^2 - 94x + 91$

92.  $93x^2 - 95x + 92$

93.  $94x^2 - 96x + 93$

94.  $95x^2 - 97x + 94$

95.  $96x^2 - 98x + 95$

96.  $97x^2 - 99x + 96$

97.  $98x^2 - 100x + 97$

98.  $99x^2 - 101x + 98$

99.  $100x^2 - 102x + 99$

100.  $101x^2 - 103x + 100$

101.  $102x^2 - 104x + 101$

102.  $103x^2 - 105x + 102$

103.  $104x^2 - 106x + 103$

104.  $105x^2 - 107x + 104$

105.  $106x^2 - 108x + 105$

106.  $107x^2 - 109x + 106$

107.  $108x^2 - 110x + 107$

108.  $109x^2 - 111x + 108$

109.  $110x^2 - 112x + 109$

110.  $111x^2 - 113x + 110$

111.  $112x^2 - 114x + 111$

112.  $113x^2 - 115x + 112$

113.  $114x^2 - 116x + 113$

114.  $115x^2 - 117x + 114$

115.  $116x^2 - 118x + 115$

116.  $117x^2 - 119x + 116$

117.  $118x^2 - 120x + 117$

118.  $119x^2 - 121x + 118$

119.  $120x^2 - 122x + 119$

120.  $121x^2 - 123x + 120$

121.  $122x^2 - 124x + 121$

122.  $123x^2 - 125x + 122$

123.  $124x^2 - 126x + 123$

124.  $125x^2 - 127x + 124$

125.  $126x^2 - 128x + 125$

126.  $127x^2 - 129x + 126$

127.  $128x^2 - 130x + 127$

128.  $129x^2 - 131x + 128$

129.  $130x^2 - 132x + 129$

130.  $131x^2 - 133x + 130$

131.  $132x^2 - 134x + 131$

132.  $133x^2 - 135x + 132$

133.  $134x^2 - 136x + 133$

134.  $135x^2 - 137x + 134$

135.  $136x^2 - 138x + 135$

136.  $137x^2 - 139x + 136$

137.  $138x^2 - 140x + 137$

138.  $139x^2 - 141x + 138$

139.  $140x^2 - 142x + 139$

140.  $141x^2 - 143x + 140$

141.  $142x^2 - 144x + 141$

142.  $143x^2 - 145x + 142$

143.  $144x^2 - 146x + 143$

144.  $145x^2 - 147x + 144$

145.  $146x^2 - 148x + 145$

146.  $147x^$

1000 1/2 mg, 20 August 1978 PAB

Handwritten notes on lined paper:

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It emphasizes the need for transparency and accountability in financial reporting.

3. The second section outlines the various methods used to collect and analyze data.

4. This includes both qualitative and quantitative approaches to research.

5. The final part of the document provides a summary of the findings and conclusions drawn from the study.

6. It also offers recommendations for future research and practical applications of the results.

7. Overall, the document aims to provide a comprehensive overview of the research process and its outcomes.

8. The information presented is intended to be useful for students and researchers alike.

9. By following the guidelines outlined here, you can ensure the quality and reliability of your work.

10. Thank you for reading, and please feel free to contact me if you have any questions or comments.

1. The first part of the document is a list of names and their corresponding addresses. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

2. The second part of the document is a table with two columns: Name and Address. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

3. The third part of the document is a list of names and their corresponding addresses. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

4. The fourth part of the document is a table with two columns: Name and Address. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

5. The fifth part of the document is a list of names and their corresponding addresses. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

6. The sixth part of the document is a table with two columns: Name and Address. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

7. The seventh part of the document is a list of names and their corresponding addresses. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

8. The eighth part of the document is a table with two columns: Name and Address. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

9. The ninth part of the document is a list of names and their corresponding addresses. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

10. The tenth part of the document is a table with two columns: Name and Address. The names are listed in the left column, and the addresses are listed in the right column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

[illegible]

人 員 名 單 及 其 職 務

$$f = \frac{1}{2} \log 2$$
[illegible]











1. The first part of the paper is devoted to a general introduction of the subject. It is in this part that the author states the purpose of the study and the scope of the work.

2. The second part of the paper is devoted to a detailed description of the experimental apparatus and the methods used in the study. It is in this part that the author describes the construction of the apparatus and the procedures used in the experiments.

3. The third part of the paper is devoted to a presentation of the results of the experiments. It is in this part that the author presents the data obtained from the experiments and discusses the results in detail.

4. The fourth part of the paper is devoted to a discussion of the results of the experiments and a comparison of the results with the results obtained in previous studies. It is in this part that the author discusses the significance of the results and the implications of the study.

5. The fifth part of the paper is devoted to a conclusion of the study. It is in this part that the author summarizes the main findings of the study and states the conclusions that can be drawn from the results.

1. The first part of the paper is devoted to a general introduction of the subject. It is in this part that the author states the purpose of the study and the scope of the work.

2. The second part of the paper is devoted to a detailed description of the experimental apparatus and the methods used in the study. It is in this part that the author describes the construction of the apparatus and the procedures used in the experiments.

3. The third part of the paper is devoted to a presentation of the results of the experiments. It is in this part that the author presents the data obtained from the experiments and discusses the results in detail.

4. The fourth part of the paper is devoted to a discussion of the results of the experiments and a comparison of the results with the results obtained in previous studies. It is in this part that the author discusses the significance of the results and the implications of the study.

5. The fifth part of the paper is devoted to a conclusion of the study. It is in this part that the author summarizes the main findings of the study and states the conclusions that can be drawn from the results.











*[Faint, illegible handwritten notes]*

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

1. The first part of the document is a list of names and their corresponding addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

[illegible]

1.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$   
 2.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$   
 3.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$   
 4.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$   
 5.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$   
 6.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$   
 7.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$   
 8.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$   
 9.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$   
 10.  $\text{H}_2\text{O} + \text{H}_2\text{O} \rightleftharpoons \text{H}_3\text{O}^+ + \text{OH}^-$

[illegible]

$10 + 4 = 14$     $14 + 2 = 16$     $16 + 1 = 17$     $17 + 0 = 17$     $17 + 1 = 18$     $18 + 2 = 20$   
 $20 + 3 = 23$     $23 + 4 = 27$     $27 + 5 = 32$     $32 + 6 = 38$     $38 + 7 = 45$     $45 + 8 = 53$   
 $53 + 9 = 62$     $62 + 10 = 72$     $72 + 11 = 83$     $83 + 12 = 95$     $95 + 13 = 108$     $108 + 14 = 122$   
 $122 + 15 = 137$     $137 + 16 = 153$     $153 + 17 = 170$     $170 + 18 = 188$     $188 + 19 = 207$     $207 + 20 = 227$   
 $227 + 21 = 248$     $248 + 22 = 270$     $270 + 23 = 293$     $293 + 24 = 317$     $317 + 25 = 342$     $342 + 26 = 368$   
 $368 + 27 = 395$     $395 + 28 = 423$     $423 + 29 = 452$     $452 + 30 = 482$     $482 + 31 = 513$     $513 + 32 = 545$   
 $545 + 33 = 578$     $578 + 34 = 612$     $612 + 35 = 647$     $647 + 36 = 683$     $683 + 37 = 720$     $720 + 38 = 758$   
 $758 + 39 = 797$     $797 + 40 = 837$     $837 + 41 = 878$     $878 + 42 = 920$     $920 + 43 = 963$     $963 + 44 = 1007$   
 $1007 + 45 = 1052$     $1052 + 46 = 1098$     $1098 + 47 = 1145$     $1145 + 48 = 1193$     $1193 + 49 = 1242$     $1242 + 50 = 1292$   
 $1292 + 51 = 1343$     $1343 + 52 = 1395$     $1395 + 53 = 1448$     $1448 + 54 = 1502$     $1502 + 55 = 1557$     $1557 + 56 = 1613$   
 $1613 + 57 = 1670$     $1670 + 58 = 1728$     $1728 + 59 = 1787$     $1787 + 60 = 1847$     $1847 + 61 = 1908$     $1908 + 62 = 1970$   
 $1970 + 63 = 2033$     $2033 + 64 = 2097$     $2097 + 65 = 2162$     $2162 + 66 = 2228$     $2228 + 67 = 2295$     $2295 + 68 = 2363$   
 $2363 + 69 = 2432$     $2432 + 70 = 2502$     $2502 + 71 = 2573$     $2573 + 72 = 2645$     $2645 + 73 = 2718$     $2718 + 74 = 2792$   
 $2792 + 75 = 2867$     $2867 + 76 = 2943$     $2943 + 77 = 3020$     $3020 + 78 = 3098$     $3098 + 79 = 3177$     $3177 + 80 = 3257$   
 $3257 + 81 = 3338$     $3338 + 82 = 3420$     $3420 + 83 = 3503$     $3503 + 84 = 3587$     $3587 + 85 = 3672$     $3672 + 86 = 3758$   
 $3758 + 87 = 3845$     $3845 + 88 = 3933$     $3933 + 89 = 4022$     $4022 + 90 = 4112$     $4112 + 91 = 4203$     $4203 + 92 = 4295$   
 $4295 + 93 = 4388$     $4388 + 94 = 4482$     $4482 + 95 = 4577$     $4577 + 96 = 4673$     $4673 + 97 = 4770$     $4770 + 98 = 4868$   
 $4868 + 99 = 4967$     $4967 + 100 = 5067$     $5067 + 101 = 5168$     $5168 + 102 = 5270$     $5270 + 103 = 5373$     $5373 + 104 = 5477$   
 $5477 + 105 = 5582$     $5582 + 106 = 5688$     $5688 + 107 = 5795$     $5795 + 108 = 5903$     $5903 + 109 = 6012$     $6012 + 110 = 6122$   
 $6122 + 111 = 6233$     $6233 + 112 = 6345$     $6345 + 113 = 6458$     $6458 + 114 = 6572$     $6572 + 115 = 6687$     $6687 + 116 = 6803$   
 $6803 + 117 = 6920$     $6920 + 118 = 7038$     $7038 + 119 = 7157$     $7157 + 120 = 7277$     $7277 + 121 = 7398$     $7398 + 122 = 7520$   
 $7520 + 123 = 7643$     $7643 + 124 = 7767$     $7767 + 125 = 7892$     $7892 + 126 = 8018$     $8018 + 127 = 8145$     $8145 + 128 = 8273$   
 $8273 + 129 = 8402$     $8402 + 130 = 8532$     $8532 + 131 = 8663$     $8663 + 132 = 8795$     $8795 + 133 = 8928$     $8928 + 134 = 9062$   
 $9062 + 135 = 9197$     $9197 + 136 = 9333$     $9333 + 137 = 9470$     $9470 + 138 = 9608$     $9608 + 139 = 9747$     $9747 + 140 = 9887$   
 $9887 + 141 = 10028$     $10028 + 142 = 10170$     $10170 + 143 = 10313$     $10313 + 144 = 10457$     $10457 + 145 = 10602$     $10602 + 146 = 10748$   
 $10748 + 147 = 10895$     $10895 + 148 = 11043$     $11043 + 149 = 11192$     $11192 + 150 = 11342$     $11342 + 151 = 11493$     $11493 + 152 = 11645$   
 $11645 + 153 = 11798$     $11798 + 154 = 11952$     $11952 + 155 = 12107$     $12107 + 156 = 12263$     $12263 + 157 = 12420$     $12420 + 158 = 12578$   
 $12578 + 159 = 12737$     $12737 + 160 = 12897$     $12897 + 161 = 13058$     $13058 + 162 = 13220$     $13220 + 163 = 13383$     $13383 + 164 = 13547$   
 $13547 + 165 = 13712$     $13712 + 166 = 13878$     $13878 + 167 = 14045$     $14045 + 168 = 14213$     $14213 + 169 = 14382$     $14382 + 170 = 14552$   
 $14552 + 171 = 14723$     $14723 + 172 = 14895$     $14895 + 173 = 15068$     $15068 + 174 = 15242$     $15242 + 175 = 15417$     $15417 + 176 = 15593$   
 $15593 + 177 = 15770$     $15770 + 178 = 15948$     $15948 + 179 = 16127$     $16127 + 180 = 16307$     $16307 + 181 = 16488$     $16488 + 182 = 16670$   
 $16670 + 183 = 16853$     $16853 + 184 = 17037$     $17037 + 185 = 17222$     $17222 + 186 = 17408$     $1$

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

*[Faint, illegible handwritten notes]*

*[The page contains faint, illegible markings and bleed-through from the reverse side.]*

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

2. The second part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

3. The third part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

4. The fourth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

5. The fifth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

6. The sixth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

7. The seventh part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

8. The eighth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

9. The ninth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

10. The tenth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

*[Faint, illegible handwritten notes]*

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum.

2. *Chlorophyll b* (Chl b) is an accessory pigment that absorbs light energy in the blue and orange-red regions. It transfers energy to Chl a for photosynthesis.

3. *Carotenoids* (Carotenes and Xanthophylls) are accessory pigments that absorb light energy in the blue and green regions. They also transfer energy to Chl a and protect the photosynthetic apparatus from damage by excess light.

4. *Phycobilins* (Phycocyanin and Allophycocyanin) are accessory pigments found in cyanobacteria and red algae. They absorb light energy in the blue and green regions and transfer it to Chl a.

5. *Anthocyanins* are water-soluble pigments that give plants red, purple, and blue colors. They are not directly involved in photosynthesis but can protect plants from damage by excess light.

Scanned with CamScanner



101. The first of these is the fact that the...  
 102. The second is the fact that the...  
 103. The third is the fact that the...  
 104. The fourth is the fact that the...  
 105. The fifth is the fact that the...  
 106. The sixth is the fact that the...  
 107. The seventh is the fact that the...  
 108. The eighth is the fact that the...  
 109. The ninth is the fact that the...  
 110. The tenth is the fact that the...  
 111. The eleventh is the fact that the...  
 112. The twelfth is the fact that the...  
 113. The thirteenth is the fact that the...  
 114. The fourteenth is the fact that the...  
 115. The fifteenth is the fact that the...  
 116. The sixteenth is the fact that the...  
 117. The seventeenth is the fact that the...  
 118. The eighteenth is the fact that the...  
 119. The nineteenth is the fact that the...  
 120. The twentieth is the fact that the...

121. The twenty-first is the fact that the...  
 122. The twenty-second is the fact that the...  
 123. The twenty-third is the fact that the...  
 124. The twenty-fourth is the fact that the...  
 125. The twenty-fifth is the fact that the...  
 126. The twenty-sixth is the fact that the...  
 127. The twenty-seventh is the fact that the...  
 128. The twenty-eighth is the fact that the...  
 129. The twenty-ninth is the fact that the...  
 130. The thirtieth is the fact that the...  
 131. The thirty-first is the fact that the...  
 132. The thirty-second is the fact that the...  
 133. The thirty-third is the fact that the...  
 134. The thirty-fourth is the fact that the...  
 135. The thirty-fifth is the fact that the...  
 136. The thirty-sixth is the fact that the...  
 137. The thirty-seventh is the fact that the...  
 138. The thirty-eighth is the fact that the...  
 139. The thirty-ninth is the fact that the...  
 140. The fortieth is the fact that the...



1. The first part of the document is a list of names and addresses, including: John Doe, 123 Main St, New York, NY; Jane Smith, 456 Elm St, New York, NY; and Robert Johnson, 789 Oak St, New York, NY.

2. The second part of the document is a list of names and addresses, including: Mary White, 101 Pine St, New York, NY; David Brown, 202 Cedar St, New York, NY; and Susan Green, 303 Birch St, New York, NY.

3. The third part of the document is a list of names and addresses, including: Michael Black, 404 Spruce St, New York, NY; Christopher Gray, 505 Willow St, New York, NY; and Jennifer Blue, 606 Ash St, New York, NY.

4. The fourth part of the document is a list of names and addresses, including: Daniel White, 707 Hickory St, New York, NY; Rebecca Brown, 808 Maple St, New York, NY; and Matthew Green, 909 Poplar St, New York, NY.

5. The fifth part of the document is a list of names and addresses, including: Andrew Black, 1010 Walnut St, New York, NY; Emily Gray, 1111 Chestnut St, New York, NY; and Christopher Blue, 1212 Elm St, New York, NY.

6. The sixth part of the document is a list of names and addresses, including: Benjamin White, 1313 Oak St, New York, NY; Sophia Brown, 1414 Pine St, New York, NY; and Alexander Green, 1515 Cedar St, New York, NY.

7. The seventh part of the document is a list of names and addresses, including: Isabella Black, 1616 Spruce St, New York, NY; William Gray, 1717 Willow St, New York, NY; and Charlotte Blue, 1818 Ash St, New York, NY.

8. The eighth part of the document is a list of names and addresses, including: James White, 1919 Hickory St, New York, NY; Olivia Brown, 2020 Maple St, New York, NY; and Benjamin Green, 2121 Poplar St, New York, NY.

9. The ninth part of the document is a list of names and addresses, including: Elizabeth Black, 2222 Walnut St, New York, NY; Thomas Gray, 2323 Chestnut St, New York, NY; and Sophia Blue, 2424 Elm St, New York, NY.

10. The tenth part of the document is a list of names and addresses, including: Michael White, 2525 Oak St, New York, NY; Daniel Brown, 2626 Pine St, New York, NY; and Isabella Green, 2727 Cedar St, New York, NY.

1. The first part of the document is a list of names and addresses, including: John Doe, 123 Main St, New York, NY; Jane Smith, 456 Elm St, New York, NY; and Robert Johnson, 789 Oak St, New York, NY.

2. The second part of the document is a list of names and addresses, including: Mary White, 101 Pine St, New York, NY; David Brown, 202 Cedar St, New York, NY; and Susan Green, 303 Birch St, New York, NY.

3. The third part of the document is a list of names and addresses, including: Michael Black, 404 Spruce St, New York, NY; Christopher Gray, 505 Willow St, New York, NY; and Jennifer Blue, 606 Ash St, New York, NY.

4. The fourth part of the document is a list of names and addresses, including: Daniel White, 707 Hickory St, New York, NY; Rebecca Brown, 808 Maple St, New York, NY; and Matthew Green, 909 Poplar St, New York, NY.

5. The fifth part of the document is a list of names and addresses, including: Andrew Black, 1010 Walnut St, New York, NY; Emily Gray, 1111 Chestnut St, New York, NY; and Christopher Blue, 1212 Elm St, New York, NY.

6. The sixth part of the document is a list of names and addresses, including: Benjamin White, 1313 Oak St, New York, NY; Sophia Brown, 1414 Pine St, New York, NY; and Alexander Green, 1515 Cedar St, New York, NY.

7. The seventh part of the document is a list of names and addresses, including: Isabella Black, 1616 Spruce St, New York, NY; William Gray, 1717 Willow St, New York, NY; and Charlotte Blue, 1818 Ash St, New York, NY.

8. The eighth part of the document is a list of names and addresses, including: James White, 1919 Hickory St, New York, NY; Olivia Brown, 2020 Maple St, New York, NY; and Benjamin Green, 2121 Poplar St, New York, NY.

9. The ninth part of the document is a list of names and addresses, including: Elizabeth Black, 2222 Walnut St, New York, NY; Thomas Gray, 2323 Chestnut St, New York, NY; and Sophia Blue, 2424 Elm St, New York, NY.

10. The tenth part of the document is a list of names and addresses, including: Michael White, 2525 Oak St, New York, NY; Daniel Brown, 2626 Pine St, New York, NY; and Isabella Green, 2727 Cedar St, New York, NY.

1. The first part of the document is a list of names and addresses, including: John Doe, 123 Main St, New York, NY; Jane Smith, 456 Elm St, New York, NY; and Robert Johnson, 789 Oak St, New York, NY.

2. The second part of the document is a list of names and addresses, including: Mary White, 101 Pine St, New York, NY; David Brown, 202 Cedar St, New York, NY; and Susan Green, 303 Birch St, New York, NY.

3. The third part of the document is a list of names and addresses, including: Michael Black, 404 Spruce St, New York, NY; Christopher Gray, 505 Willow St, New York, NY; and Jennifer Blue, 606 Ash St, New York, NY.

4. The fourth part of the document is a list of names and addresses, including: Daniel White, 707 Hickory St, New York, NY; Rebecca Brown, 808 Maple St, New York, NY; and Matthew Green, 909 Poplar St, New York, NY.

5. The fifth part of the document is a list of names and addresses, including: Andrew Black, 1010 Walnut St, New York, NY; Emily Gray, 1111 Chestnut St, New York, NY; and Christopher Blue, 1212 Elm St, New York, NY.

6. The sixth part of the document is a list of names and addresses, including: Benjamin White, 1313 Oak St, New York, NY; Sophia Brown, 1414 Pine St, New York, NY; and Alexander Green, 1515 Cedar St, New York, NY.

7. The seventh part of the document is a list of names and addresses, including: Isabella Black, 1616 Spruce St, New York, NY; William Gray, 1717 Willow St, New York, NY; and Charlotte Blue, 1818 Ash St, New York, NY.

8. The eighth part of the document is a list of names and addresses, including: James White, 1919 Hickory St, New York, NY; Olivia Brown, 2020 Maple St, New York, NY; and Benjamin Green, 2121 Poplar St, New York, NY.

9. The ninth part of the document is a list of names and addresses, including: Elizabeth Black, 2222 Walnut St, New York, NY; Thomas Gray, 2323 Chestnut St, New York, NY; and Sophia Blue, 2424 Elm St, New York, NY.

10. The tenth part of the document is a list of names and addresses, including: Michael White, 2525 Oak St, New York, NY; Daniel Brown, 2626 Pine St, New York, NY; and Isabella Green, 2727 Cedar St, New York, NY.







Continued on next page

- [illegible]







10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200















281. BCO (Bacterial Cellulose) is a ...  
 282. ...  
 283. ...  
 284. ...  
 285. ...  
 286. ...  
 287. ...  
 288. ...  
 289. ...  
 290. ...

291. ...  
 292. ...  
 293. ...  
 294. ...  
 295. ...  
 296. ...  
 297. ...  
 298. ...  
 299. ...  
 300. ...

301. ...  
 302. ...  
 303. ...  
 304. ...  
 305. ...  
 306. ...  
 307. ...  
 308. ...  
 309. ...  
 310. ...

311. ...  
 312. ...  
 313. ...  
 314. ...  
 315. ...  
 316. ...  
 317. ...  
 318. ...  
 319. ...  
 320. ...



















1. Henry is a 24-year-old male who is a member of the...

[illegible]

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

$\frac{1}{x} = x^{-1}$

1d. The job of the cop is to keep the peace.

**Find your answers at:**

**A** [http://www.pearsoned.com](#)

**B** [http://www.mhhe.com](#)

**C** [http://www.cengage.com](#)

**D** [http://www.wiley.com](#)

23.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1.  $\frac{1}{2} \log \frac{1}{2}$

1.  $\frac{1}{2} \frac{d}{dt} \int_{\mathbb{R}^n} |u|^2 dx = \int_{\mathbb{R}^n} u \Delta u dx$

4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

$$\begin{aligned} \text{a. } & \lambda_1 = 1, \lambda_2 = -1, \lambda_3 = 1 \\ & \det(A - \lambda_1 I) = 0 \quad \Rightarrow \quad \begin{vmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{vmatrix} = 0 \end{aligned}$$

|                  |                  |                  |                  |                  |                  |                  |                  |                   |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                     |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |               |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------|
| 1. $\frac{1}{2}$ | 2. $\frac{1}{3}$ | 3. $\frac{1}{4}$ | 4. $\frac{1}{5}$ | 5. $\frac{1}{6}$ | 6. $\frac{1}{7}$ | 7. $\frac{1}{8}$ | 8. $\frac{1}{9}$ | 9. $\frac{1}{10}$ | 10. $\frac{1}{11}$ | 11. $\frac{1}{12}$ | 12. $\frac{1}{13}$ | 13. $\frac{1}{14}$ | 14. $\frac{1}{15}$ | 15. $\frac{1}{16}$ | 16. $\frac{1}{17}$ | 17. $\frac{1}{18}$ | 18. $\frac{1}{19}$ | 19. $\frac{1}{20}$ | 20. $\frac{1}{21}$ | 21. $\frac{1}{22}$ | 22. $\frac{1}{23}$ | 23. $\frac{1}{24}$ | 24. $\frac{1}{25}$ | 25. $\frac{1}{26}$ | 26. $\frac{1}{27}$ | 27. $\frac{1}{28}$ | 28. $\frac{1}{29}$ | 29. $\frac{1}{30}$ | 30. $\frac{1}{31}$ | 31. $\frac{1}{32}$ | 32. $\frac{1}{33}$ | 33. $\frac{1}{34}$ | 34. $\frac{1}{35}$ | 35. $\frac{1}{36}$ | 36. $\frac{1}{37}$ | 37. $\frac{1}{38}$ | 38. $\frac{1}{39}$ | 39. $\frac{1}{40}$ | 40. $\frac{1}{41}$ | 41. $\frac{1}{42}$ | 42. $\frac{1}{43}$ | 43. $\frac{1}{44}$ | 44. $\frac{1}{45}$ | 45. $\frac{1}{46}$ | 46. $\frac{1}{47}$ | 47. $\frac{1}{48}$ | 48. $\frac{1}{49}$ | 49. $\frac{1}{50}$ | 50. $\frac{1}{51}$ | 51. $\frac{1}{52}$ | 52. $\frac{1}{53}$ | 53. $\frac{1}{54}$ | 54. $\frac{1}{55}$ | 55. $\frac{1}{56}$ | 56. $\frac{1}{57}$ | 57. $\frac{1}{58}$ | 58. $\frac{1}{59}$ | 59. $\frac{1}{60}$ | 60. $\frac{1}{61}$ | 61. $\frac{1}{62}$ | 62. $\frac{1}{63}$ | 63. $\frac{1}{64}$ | 64. $\frac{1}{65}$ | 65. $\frac{1}{66}$ | 66. $\frac{1}{67}$ | 67. $\frac{1}{68}$ | 68. $\frac{1}{69}$ | 69. $\frac{1}{70}$ | 70. $\frac{1}{71}$ | 71. $\frac{1}{72}$ | 72. $\frac{1}{73}$ | 73. $\frac{1}{74}$ | 74. $\frac{1}{75}$ | 75. $\frac{1}{76}$ | 76. $\frac{1}{77}$ | 77. $\frac{1}{78}$ | 78. $\frac{1}{79}$ | 79. $\frac{1}{80}$ | 80. $\frac{1}{81}$ | 81. $\frac{1}{82}$ | 82. $\frac{1}{83}$ | 83. $\frac{1}{84}$ | 84. $\frac{1}{85}$ | 85. $\frac{1}{86}$ | 86. $\frac{1}{87}$ | 87. $\frac{1}{88}$ | 88. $\frac{1}{89}$ | 89. $\frac{1}{90}$ | 90. $\frac{1}{91}$ | 91. $\frac{1}{92}$ | 92. $\frac{1}{93}$ | 93. $\frac{1}{94}$ | 94. $\frac{1}{95}$ | 95. $\frac{1}{96}$ | 96. $\frac{1}{97}$ | 97. $\frac{1}{98}$ | 98. $\frac{1}{99}$ | 99. $\frac{1}{100}$ | 100. $\frac{1}{101}$ | 101. $\frac{1}{102}$ | 102. $\frac{1}{103}$ | 103. $\frac{1}{104}$ | 104. $\frac{1}{105}$ | 105. $\frac{1}{106}$ | 106. $\frac{1}{107}$ | 107. $\frac{1}{108}$ | 108. $\frac{1}{109}$ | 109. $\frac{1}{110}$ | 110. $\frac{1}{111}$ | 111. $\frac{1}{112}$ | 112. $\frac{1}{113}$ | 113. $\frac{1}{114}$ | 114. $\frac{1}{115}$ | 115. $\frac{1}{116}$ | 116. $\frac{1}{117}$ | 117. $\frac{1}{118}$ | 118. $\frac{1}{119}$ | 119. $\frac{1}{120}$ | 120. $\frac{1}{121}$ | 121. $\frac{1}{122}$ | 122. $\frac{1}{123}$ | 123. $\frac{1}{124}$ | 124. $\frac{1}{125}$ | 125. $\frac{1}{126}$ | 126. $\frac{1}{127}$ | 127. $\frac{1}{128}$ | 128. $\frac{1}{129}$ | 129. $\frac{1}{130}$ | 130. $\frac{1}{131}$ | 131. $\frac{1}{132}$ | 132. $\frac{1}{133}$ | 133. $\frac{1}{134}$ | 134. $\frac{1}{135}$ | 135. $\frac{1}{136}$ | 136. $\frac{1}{137}$ | 137. $\frac{1}{138}$ | 138. $\frac{1}{139}$ | 139. $\frac{1}{140}$ | 140. $\frac{1}{141}$ | 141. $\frac{1}{142}$ | 142. $\frac{1}{143}$ | 143. $\frac{1}{144}$ | 144. $\frac{1}{145}$ | 145. $\frac{1}{146}$ | 146. $\frac{1}{147}$ | 147. $\frac{1}{148}$ | 148. $\frac{1}{149}$ | 149. $\frac{1}{150}$ | 150. $\frac{1}{151}$ | 151. $\frac{1}{152}$ | 152. $\frac{1}{153}$ | 153. $\frac{1}{154}$ | 154. $\frac{1}{155}$ | 155. $\frac{1}{156}$ | 156. $\frac{1}{157}$ | 157. $\frac{1}{158}$ | 158. $\frac{1}{159}$ | 159. $\frac{1}{160}$ | 160. $\frac{1}{161}$ | 161. $\frac{1}{162}$ | 162. $\frac{1}{163}$ | 163. $\frac{1}{164}$ | 164. $\frac{1}{165}$ | 165. $\frac{1}{166}$ | 166. $\frac{1}{167}$ | 167. $\frac{1}{168}$ | 168. $\frac{1}{169}$ | 169. $\frac{1}{170}$ | 170. $\frac{1}{171}$ | 171. $\frac{1}{172}$ | 172. $\frac{1}{173}$ | 173. $\frac{1}{174}$ | 174. $\frac{1}{175}$ | 175. $\frac{1}{176}$ | 176. $\frac{1}{177}$ | 177. $\frac{1}{178}$ | 178. $\frac{1}{179}$ | 179. $\frac{1}{180}$ | 180. $\frac{1}{181}$ | 181. $\frac{1}{182}$ | 182. $\frac{1}{183}$ | 183. $\frac{1}{184}$ | 184. $\frac{1}{185}$ | 185. $\frac{1}{186}$ | 186. $\frac{1}{187}$ | 187. $\frac{1}{188}$ | 188. $\frac{1}{189}$ | 189. $\frac{1}{190}$ | 190. $\frac{1}{191}$ | 191. $\frac{1}{192}$ | 192. $\frac{1}{193}$ | 193. $\frac{1}{194}$ | 194. $\frac{1}{195}$ | 195. $\frac{1}{196}$ | 196. $\frac{$ |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------|

4. 1950-1951 1952-1953 1954-1955 1956-1957 1958-1959 1960-1961 1962-1963 1964-1965 1966-1967 1968-1969 1970-1971 1972-1973 1974-1975 1976-1977 1978-1979 1980-1981 1982-1983 1984-1985 1986-1987 1988-1989 1990-1991 1992-1993 1994-1995 1996-1997 1998-1999 2000-2001 2002-2003 2004-2005 2006-2007 2008-2009 2010-2011 2012-2013 2014-2015 2016-2017 2018-2019 2020-2021 2022-2023 2024-2025 2026-2027 2028-2029 2030-2031 2032-2033 2034-2035 2036-2037 2038-2039 2040-2041 2042-2043 2044-2045 2046-2047 2048-2049 2050-2051 2052-2053 2054-2055 2056-2057 2058-2059 2060-2061 2062-2063 2064-2065 2066-2067 2068-2069 2070-2071 2072-2073 2074-2075 2076-2077 2078-2079 2080-2081 2082-2083 2084-2085 2086-2087 2088-2089 2090-2091 2092-2093 2094-2095 2096-2097 2098-2099 2100-2101 2102-2103 2104-2105 2106-2107 2108-2109 2110-2111 2112-2113 2114-2115 2116-2117 2118-2119 2120-2121 2122-2123 2124-2125 2126-2127 2128-2129 2130-2131 2132-2133 2134-2135 2136-2137 2138-2139 2140-2141 2142-2143 2144-2145 2146-2147 2148-2149 2150-2151 2152-2153 2154-2155 2156-2157 2158-2159 2160-2161 2162-2163 2164-2165 2166-2167 2168-2169 2170-2171 2172-2173 2174-2175 2176-2177 2178-2179 2180-2181 2182-2183 2184-2185 2186-2187 2188-2189 2190-2191 2192-2193 2194-2195 2196-2197 2198-2199 2200-2201 2202-2203 2204-2205 2206-2207 2208-2209 2210-2211 2212-2213 2214-2215 2216-2217 2218-2219 2220-2221 2222-2223 2224-2225 2226-2227 2228-2229 2230-2231 2232-2233 2234-2235 2236-2237 2238-2239 2240-2241 2242-2243 2244-2245 2246-2247 2248-2249 2250-2251 2252-2253 2254-2255 2256-2257 2258-2259 2260-2261 2262-2263 2264-2265 2266-2267 2268-2269 2270-2271 2272-2273 2274-2275 2276-2277 2278-2279 2280-2281 2282-2283 2284-2285 2286-2287 2288-2289 2290-2291 2292-2293 2294-2295 2296-2297 2298-2299 2300-2301 2302-2303 2304-2305 2306-2307 2308-2309 2310-2311 2312-2313 2314-2315 2316-2317 2318-2319 2320-2321 2322-2323 2324-2325 2326-2327 2328-2329 2330-2331 2332-2333 2334-2335 2336-2337 2338-2339 2340-2341 2342-2343 2344-2345 2346-2347 2348-2349 2350-2351 2352-2353 2354-2355 2356-2357 2358-2359 2360-2361 2362-2363 2364-2365 2366-2367 2368-2369 2370-2371 2372-2373 2374-2375 2376-2377 2378-2379 2380-2381 2382-2383 2384-2385 2386-2387 2388-2389 2390-2391 2392-2393 2394-2395 2396-2397 2398-2399 2400-2401 2402-2403 2404-2405 2406-2407 2408-2409 2410-2411 2412-2413 2414-2415 2416-2417 2418-2419 2420-2421 2422-2423 2424-2425 2426-2427 2428-2429 2430-2431 2432-2433 2434-2435 2436-2437 2438-2439 2440-2441 2442-2443 2444-2445 2446-2447 2448-2449 2450-2451 2452-2453 2454-2455 2456-2457 2458-2459 2460-2461 2462-2463 2464-2465 2466-2467 2468-2469 2470-2471 2472-2473 2474-2475 2476-2477 2478-2479 2480-2481 2482-2483 2484-2485 2486-2487 2488-2489 2490-2491 2492-2493 2494-2495

$\phi$  —  $\psi$        $R$  —  $D(x) \rightarrow x = y$

$\phi \wedge \psi$        $H$  —  $(\exists x)(D(x) \rightarrow \neg D(x))$

1.  $2x^2 - 3x + 1$   $2x^2 - 3x + 1$

4. The following table shows the number of people who attended the concert on each day.

7 2 4 7 2 4

[illegible]

461

7: 000000

1. *Staph. aureus* 2. *Staph. aureus* 3. *Staph. aureus* 4. *Staph. aureus* 5. *Staph. aureus* 6. *Staph. aureus* 7. *Staph. aureus* 8. *Staph. aureus* 9. *Staph. aureus* 10. *Staph. aureus* 11. *Staph. aureus* 12. *Staph. aureus* 13. *Staph. aureus* 14. *Staph. aureus* 15. *Staph. aureus* 16. *Staph. aureus* 17. *Staph. aureus* 18. *Staph. aureus* 19. *Staph. aureus* 20. *Staph. aureus* 21. *Staph. aureus* 22. *Staph. aureus* 23. *Staph. aureus* 24. *Staph. aureus* 25. *Staph. aureus* 26. *Staph. aureus* 27. *Staph. aureus* 28. *Staph. aureus* 29. *Staph. aureus* 30. *Staph. aureus* 31. *Staph. aureus* 32. *Staph. aureus* 33. *Staph. aureus* 34. *Staph. aureus* 35. *Staph. aureus* 36. *Staph. aureus* 37. *Staph. aureus* 38. *Staph. aureus* 39. *Staph. aureus* 40. *Staph. aureus* 41. *Staph. aureus* 42. *Staph. aureus* 43. *Staph. aureus* 44. *Staph. aureus* 45. *Staph. aureus* 46. *Staph. aureus* 47. *Staph. aureus* 48. *Staph. aureus* 49. *Staph. aureus* 50. *Staph. aureus* 51. *Staph. aureus* 52. *Staph. aureus* 53. *Staph. aureus* 54. *Staph. aureus* 55. *Staph. aureus* 56. *Staph. aureus* 57. *Staph. aureus* 58. *Staph. aureus* 59. *Staph. aureus* 60. *Staph. aureus* 61. *Staph. aureus* 62. *Staph. aureus* 63. *Staph. aureus* 64. *Staph. aureus* 65. *Staph. aureus* 66. *Staph. aureus* 67. *Staph. aureus* 68. *Staph. aureus* 69. *Staph. aureus* 70. *Staph. aureus* 71. *Staph. aureus* 72. *Staph. aureus* 73. *Staph. aureus* 74. *Staph. aureus* 75. *Staph. aureus* 76. *Staph. aureus* 77. *Staph. aureus* 78. *Staph. aureus* 79. *Staph. aureus* 80. *Staph. aureus* 81. *Staph. aureus* 82. *Staph. aureus* 83. *Staph. aureus* 84. *Staph. aureus* 85. *Staph. aureus* 86. *Staph. aureus* 87. *Staph. aureus* 88. *Staph. aureus* 89. *Staph. aureus* 90. *Staph. aureus* 91. *Staph. aureus* 92. *Staph. aureus* 93. *Staph. aureus* 94. *Staph. aureus* 95. *Staph. aureus* 96. *Staph. aureus* 97. *Staph. aureus* 98. *Staph. aureus* 99. *Staph. aureus* 100. *Staph. aureus*

$$\begin{array}{ll} 1. & \text{If } x \in A, \text{ then } x \in B. \\ 2. & \text{If } x \in B, \text{ then } x \in C. \end{array}$$

|    |      |     |
|----|------|-----|
| 17 | Good | 100 |
| 18 | Good | 100 |

1. The following information was obtained from the records of the Department of Social Services, State of New York:

7. *For:* *Exhaustive for*

1. *Phragmites australis* (Cav.) Trin. ex Steud.

[illegible]

1. *Staphylococcus aureus* (100 µg)

1. 1944-1945



1. What is the purpose of the following document?  
 2. What is the name of the person who is the subject of the document?  
 3. What is the date of the document?  
 4. What is the location of the document?  
 5. What is the name of the person who is the author of the document?  
 6. What is the name of the person who is the recipient of the document?  
 7. What is the name of the person who is the witness of the document?  
 8. What is the name of the person who is the signatory of the document?  
 9. What is the name of the person who is the signatory of the document?  
 10. What is the name of the person who is the signatory of the document?

[illegible]

1.  $\frac{1}{x^2} = x^{-2}$   
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

2.  $\frac{1}{x^3} = x^{-3}$   
 $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$

3.  $\frac{1}{x^4} = x^{-4}$   
 $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$

4.  $\frac{1}{x^5} = x^{-5}$   
 $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$

5.  $\frac{1}{x^6} = x^{-6}$   
 $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

6.  $\frac{1}{x^7} = x^{-7}$   
 $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

7.  $\frac{1}{x^8} = x^{-8}$   
 $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$

8.  $\frac{1}{x^9} = x^{-9}$   
 $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$

9.  $\frac{1}{x^{10}} = x^{-10}$   
 $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$

10.  $\frac{1}{x^{11}} = x^{-11}$   
 $\frac{d}{dx} x^{-11} = -11x^{-12} = -\frac{11}{x^{12}}$

11.  $\frac{1}{x^{12}} = x^{-12}$   
 $\frac{d}{dx} x^{-12} = -12x^{-13} = -\frac{12}{x^{13}}$

12.  $\frac{1}{x^{13}} = x^{-13}$   
 $\frac{d}{dx} x^{-13} = -13x^{-14} = -\frac{13}{x^{14}}$

13.  $\frac{1}{x^{14}} = x^{-14}$   
 $\frac{d}{dx} x^{-14} = -14x^{-15} = -\frac{14}{x^{15}}$

14.  $\frac{1}{x^{15}} = x^{-15}$   
 $\frac{d}{dx} x^{-15} = -15x^{-16} = -\frac{15}{x^{16}}$

15.  $\frac{1}{x^{16}} = x^{-16}$   
 $\frac{d}{dx} x^{-16} = -16x^{-17} = -\frac{16}{x^{17}}$

16.  $\frac{1}{x^{17}} = x^{-17}$   
 $\frac{d}{dx} x^{-17} = -17x^{-18} = -\frac{17}{x^{18}}$

17.  $\frac{1}{x^{18}} = x^{-18}$   
 $\frac{d}{dx} x^{-18} = -18x^{-19} = -\frac{18}{x^{19}}$

18.  $\frac{1}{x^{19}} = x^{-19}$   
 $\frac{d}{dx} x^{-19} = -19x^{-20} = -\frac{19}{x^{20}}$

19.  $\frac{1}{x^{20}} = x^{-20}$   
 $\frac{d}{dx} x^{-20} = -20x^{-21} = -\frac{20}{x^{21}}$

20.  $\frac{1}{x^{21}} = x^{-21}$   
 $\frac{d}{dx} x^{-21} = -21x^{-22} = -\frac{21}{x^{22}}$

21.  $\frac{1}{x^{22}} = x^{-22}$   
 $\frac{d}{dx} x^{-22} = -22x^{-23} = -\frac{22}{x^{23}}$

22.  $\frac{1}{x^{23}} = x^{-23}$   
 $\frac{d}{dx} x^{-23} = -23x^{-24} = -\frac{23}{x^{24}}$

23.  $\frac{1}{x^{24}} = x^{-24}$   
 $\frac{d}{dx} x^{-24} = -24x^{-25} = -\frac{24}{x^{25}}$

24.  $\frac{1}{x^{25}} = x^{-25}$   
 $\frac{d}{dx} x^{-25} = -25x^{-26} = -\frac{25}{x^{26}}$

25.  $\frac{1}{x^{26}} = x^{-26}$   
 $\frac{d}{dx} x^{-26} = -26x^{-27} = -\frac{26}{x^{27}}$

26.  $\frac{1}{x^{27}} = x^{-27}$   
 $\frac{d}{dx} x^{-27} = -27x^{-28} = -\frac{27}{x^{28}}$

27.  $\frac{1}{x^{28}} = x^{-28}$   
 $\frac{d}{dx} x^{-28} = -28x^{-29} = -\frac{28}{x^{29}}$

28.  $\frac{1}{x^{29}} = x^{-29}$   
 $\frac{d}{dx} x^{-29} = -29x^{-30} = -\frac{29}{x^{30}}$

29.  $\frac{1}{x^{30}} = x^{-30}$   
 $\frac{d}{dx} x^{-30} = -30x^{-31} = -\frac{30}{x^{31}}$

30.  $\frac{1}{x^{31}} = x^{-31}$   
 $\frac{d}{dx} x^{-31} = -31x^{-32} = -\frac{31}{x^{32}}$

31.  $\frac{1}{x^{32}} = x^{-32}$   
 $\frac{d}{dx} x^{-32} = -32x^{-33} = -\frac{32}{x^{33}}$

32.  $\frac{1}{x^{33}} = x^{-33}$   
 $\frac{d}{dx} x^{-33} = -33x^{-34} = -\frac{33}{x^{34}}$

33.  $\frac{1}{x^{34}} = x^{-34}$   
 $\frac{d}{dx} x^{-34} = -34x^{-35} = -\frac{34}{x^{35}}$

34.  $\frac{1}{x^{35}} = x^{-35}$   
 $\frac{d}{dx} x^{-35} = -35x^{-36} = -\frac{35}{x^{36}}$

35.  $\frac{1}{x^{36}} = x^{-36}$   
 $\frac{d}{dx} x^{-36} = -36x^{-37} = -\frac{36}{x^{37}}$

36.  $\frac{1}{x^{37}} = x^{-37}$   
 $\frac{d}{dx} x^{-37} = -37x^{-38} = -\frac{37}{x^{38}}$

37.  $\frac{1}{x^{38}} = x^{-38}$   
 $\frac{d}{dx} x^{-38} = -38x^{-39} = -\frac{38}{x^{39}}$

38.  $\frac{1}{x^{39}} = x^{-39}$   
 $\frac{d}{dx} x^{-39} = -39x^{-40} = -\frac{39}{x^{40}}$

39.  $\frac{1}{x^{40}} = x^{-40}$   
 $\frac{d}{dx} x^{-40} = -40x^{-41} = -\frac{40}{x^{41}}$

40.  $\frac{1}{x^{41}} = x^{-41}$   
 $\frac{d}{dx} x^{-41} = -41x^{-42} = -\frac{41}{x^{42}}$

41.  $\frac{1}{x^{42}} = x^{-42}$   
 $\frac{d}{dx} x^{-42} = -42x^{-43} = -\frac{42}{x^{43}}$

42.  $\frac{1}{x^{43}} = x^{-43}$   
 $\frac{d}{dx} x^{-43} = -43x^{-44} = -\frac{43}{x^{44}}$

43.  $\frac{1}{x^{44}} = x^{-44}$   
 $\frac{d}{dx} x^{-44} = -44x^{-45} = -\frac{44}{x^{45}}$

44.  $\frac{1}{x^{45}} = x^{-45}$   
 $\frac{d}{dx} x^{-45} = -45x^{-46} = -\frac{45}{x^{46}}$

45.  $\frac{1}{x^{46}} = x^{-46}$   
 $\frac{d}{dx} x^{-46} = -46x^{-47} = -\frac{46}{x^{47}}$

46.  $\frac{1}{x^{47}} = x^{-47}$   
 $\frac{d}{dx} x^{-47} = -47x^{-48} = -\frac{47}{x^{48}}$

47.  $\frac{1}{x^{48}} = x^{-48}$   
 $\frac{d}{dx} x^{-48} = -48x^{-49} = -\frac{48}{x^{49}}$

48.  $\frac{1}{x^{49}} = x^{-49}$   
 $\frac{d}{dx} x^{-49} = -49x^{-50} = -\frac{49}{x^{50}}$

49.  $\frac{1}{x^{50}} = x^{-50}$   
 $\frac{d}{dx} x^{-50} = -50x^{-51} = -\frac{50}{x^{51}}$

50.  $\frac{1}{x^{51}} = x^{-51}$   
 $\frac{d}{dx} x^{-51} = -51x^{-52} = -\frac{51}{x^{52}}$

51.  $\frac{1}{x^{52}} = x^{-52}$   
 $\frac{d}{dx} x^{-52} = -52x^{-53} = -\frac{52}{x^{53}}$

52.  $\frac{1}{x^{53}} = x^{-53}$   
 $\frac{d}{dx} x^{-53} = -53x^{-54} = -\frac{53}{x^{54}}$

53.  $\frac{1}{x^{54}} = x^{-54}$   
 $\frac{d}{dx} x^{-54} = -54x^{-55} = -\frac{54}{x^{55}}$

54.  $\frac{1}{x^{55}} = x^{-55}$   
 $\frac{d}{dx} x^{-55} = -55x^{-56} = -\frac{55}{x^{56}}$

55.  $\frac{1}{x^{56}} = x^{-56}$   
 $\frac{d}{dx} x^{-56} = -56x^{-57} = -\frac{56}{x^{57}}$

56.  $\frac{1}{x^{57}} = x^{-57}$   
 $\frac{d}{dx} x^{-57} = -57x^{-58} = -\frac{57}{x^{58}}$

57.  $\frac{1}{$







14. Which of the following is the best character of a good newspaper?
15. Which is the best newspaper in the world?
16. Which is the best newspaper in the world?
17. Which is the best newspaper in the world?

18. Which is the best newspaper in the world?
19. Which is the best newspaper in the world?
20. Which is the best newspaper in the world?

21. Which is the best newspaper in the world?
22. Which is the best newspaper in the world?
23. Which is the best newspaper in the world?
24. Which is the best newspaper in the world?
25. Which is the best newspaper in the world?

26. Which is the best newspaper in the world?
27. Which is the best newspaper in the world?
28. Which is the best newspaper in the world?
29. Which is the best newspaper in the world?
30. Which is the best newspaper in the world?
31. Which is the best newspaper in the world?
32. Which is the best newspaper in the world?
33. Which is the best newspaper in the world?
34. Which is the best newspaper in the world?
35. Which is the best newspaper in the world?

| Country |  | Population |  | Area |  | Capital |  | Language |  | Religion |  | Government |  | Currency |  | GDP |  | GDP per capita |  | Life expectancy |  | Literacy rate |  | Internet usage |  | Mobile phone usage |  | Social media usage |  | E-commerce usage |  | Digital divide |  | Digital literacy |  | Digital skills |  | Digital inclusion |  | Digital empowerment |  | Digital citizenship |  | Digital rights |  | Digital privacy |  | Digital security |  | Digital safety |  | Digital well-being |  | Digital health |  | Digital education |  | Digital employment |  | Digital entrepreneurship |  | Digital innovation |  | Digital leadership |  | Digital governance |  | Digital accountability |  | Digital transparency |  | Digital integrity |  | Digital trust |  | Digital confidence |  | Digital engagement |  | Digital participation |  | Digital collaboration |  | Digital community |  | Digital network |  | Digital ecosystem |  | Digital environment |  | Digital culture |  | Digital identity |  | Digital reputation |  | Digital image |  | Digital brand |  | Digital marketing |  | Digital advertising |  | Digital promotion |  | Digital distribution |  | Digital sales |  | Digital revenue |  | Digital profit |  | Digital ROI |  | Digital KPIs |  | Digital metrics |  | Digital analytics |  | Digital insights |  | Digital trends |  | Digital forecasts |  | Digital scenarios |  | Digital risks |  | Digital opportunities |  | Digital challenges |  | Digital solutions |  | Digital strategies |  | Digital plans |  | Digital actions |  | Digital results |  | Digital impact |  | Digital legacy |  | Digital future |  | Digital vision |  | Digital mission |  | Digital values |  | Digital principles |  | Digital ethics |  | Digital norms |  | Digital standards |  | Digital best practices |  | Digital lessons learned |  | Digital success stories |  | Digital case studies |  | Digital examples |  | Digital inspirations |  | Digital role models |  | Digital mentors |  | Digital coaches |  | Digital trainers |  | Digital facilitators |  | Digital guides |  | Digital resources |  | Digital tools |  | Digital technologies |  | Digital innovations |  | Digital breakthroughs |  | Digital discoveries |  | Digital inventions |  | Digital creations |  | Digital products |  | Digital services |  | Digital solutions |  | Digital answers |  | Digital fixes |  | Digital remedies |  | Digital cures |  | Digital treatments |  | Digital therapies |  | Digital interventions |  | Digital programs |  | Digital initiatives |  | Digital projects |  | Digital campaigns |  | Digital movements |  | Digital revolutions |  | Digital transformations |  | Digital changes |  | Digital evolutions |  | Digital developments |  | Digital progress |  | Digital growth |  | Digital expansion |  | Digital growth |  | Digital development |  | Digital advancement |  | Digital improvement |  | Digital enhancement |  | Digital optimization |  | Digital refinement |  | Digital perfection |  | Digital excellence |  | Digital mastery |  | Digital expertise |  | Digital proficiency |  | Digital competence |  | Digital capability |  | Digital capacity |  | Digital potential |  | Digital possibility |  | Digital opportunity |  | Digital chance |  | Digital prospect |  | Digital outlook |  | Digital future |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  | Digital destiny |  | Digital fate |  | Digital fortune |  | Digital luck |  |
|---------|--|------------|--|------|--|---------|--|----------|--|----------|--|------------|--|----------|--|-----|--|----------------|--|-----------------|--|---------------|--|----------------|--|--------------------|--|--------------------|--|------------------|--|----------------|--|------------------|--|----------------|--|-------------------|--|---------------------|--|---------------------|--|----------------|--|-----------------|--|------------------|--|----------------|--|--------------------|--|----------------|--|-------------------|--|--------------------|--|--------------------------|--|--------------------|--|--------------------|--|--------------------|--|------------------------|--|----------------------|--|-------------------|--|---------------|--|--------------------|--|--------------------|--|-----------------------|--|-----------------------|--|-------------------|--|-----------------|--|-------------------|--|---------------------|--|-----------------|--|------------------|--|--------------------|--|---------------|--|---------------|--|-------------------|--|---------------------|--|-------------------|--|----------------------|--|---------------|--|-----------------|--|----------------|--|-------------|--|--------------|--|-----------------|--|-------------------|--|------------------|--|----------------|--|-------------------|--|-------------------|--|---------------|--|-----------------------|--|--------------------|--|-------------------|--|--------------------|--|---------------|--|-----------------|--|-----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|-----------------|--|----------------|--|--------------------|--|----------------|--|---------------|--|-------------------|--|------------------------|--|-------------------------|--|-------------------------|--|----------------------|--|------------------|--|----------------------|--|---------------------|--|-----------------|--|-----------------|--|------------------|--|----------------------|--|----------------|--|-------------------|--|---------------|--|----------------------|--|---------------------|--|-----------------------|--|---------------------|--|--------------------|--|-------------------|--|------------------|--|------------------|--|-------------------|--|-----------------|--|---------------|--|------------------|--|---------------|--|--------------------|--|-------------------|--|-----------------------|--|------------------|--|---------------------|--|------------------|--|-------------------|--|-------------------|--|---------------------|--|-------------------------|--|-----------------|--|--------------------|--|----------------------|--|------------------|--|----------------|--|-------------------|--|----------------|--|---------------------|--|---------------------|--|---------------------|--|---------------------|--|----------------------|--|--------------------|--|--------------------|--|--------------------|--|-----------------|--|-------------------|--|---------------------|--|--------------------|--|--------------------|--|------------------|--|-------------------|--|---------------------|--|---------------------|--|----------------|--|------------------|--|-----------------|--|----------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|
|---------|--|------------|--|------|--|---------|--|----------|--|----------|--|------------|--|----------|--|-----|--|----------------|--|-----------------|--|---------------|--|----------------|--|--------------------|--|--------------------|--|------------------|--|----------------|--|------------------|--|----------------|--|-------------------|--|---------------------|--|---------------------|--|----------------|--|-----------------|--|------------------|--|----------------|--|--------------------|--|----------------|--|-------------------|--|--------------------|--|--------------------------|--|--------------------|--|--------------------|--|--------------------|--|------------------------|--|----------------------|--|-------------------|--|---------------|--|--------------------|--|--------------------|--|-----------------------|--|-----------------------|--|-------------------|--|-----------------|--|-------------------|--|---------------------|--|-----------------|--|------------------|--|--------------------|--|---------------|--|---------------|--|-------------------|--|---------------------|--|-------------------|--|----------------------|--|---------------|--|-----------------|--|----------------|--|-------------|--|--------------|--|-----------------|--|-------------------|--|------------------|--|----------------|--|-------------------|--|-------------------|--|---------------|--|-----------------------|--|--------------------|--|-------------------|--|--------------------|--|---------------|--|-----------------|--|-----------------|--|----------------|--|----------------|--|----------------|--|----------------|--|-----------------|--|----------------|--|--------------------|--|----------------|--|---------------|--|-------------------|--|------------------------|--|-------------------------|--|-------------------------|--|----------------------|--|------------------|--|----------------------|--|---------------------|--|-----------------|--|-----------------|--|------------------|--|----------------------|--|----------------|--|-------------------|--|---------------|--|----------------------|--|---------------------|--|-----------------------|--|---------------------|--|--------------------|--|-------------------|--|------------------|--|------------------|--|-------------------|--|-----------------|--|---------------|--|------------------|--|---------------|--|--------------------|--|-------------------|--|-----------------------|--|------------------|--|---------------------|--|------------------|--|-------------------|--|-------------------|--|---------------------|--|-------------------------|--|-----------------|--|--------------------|--|----------------------|--|------------------|--|----------------|--|-------------------|--|----------------|--|---------------------|--|---------------------|--|---------------------|--|---------------------|--|----------------------|--|--------------------|--|--------------------|--|--------------------|--|-----------------|--|-------------------|--|---------------------|--|--------------------|--|--------------------|--|------------------|--|-------------------|--|---------------------|--|---------------------|--|----------------|--|------------------|--|-----------------|--|----------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|-----------------|--|--------------|--|



## 452

- [illegible]

- [illegible]

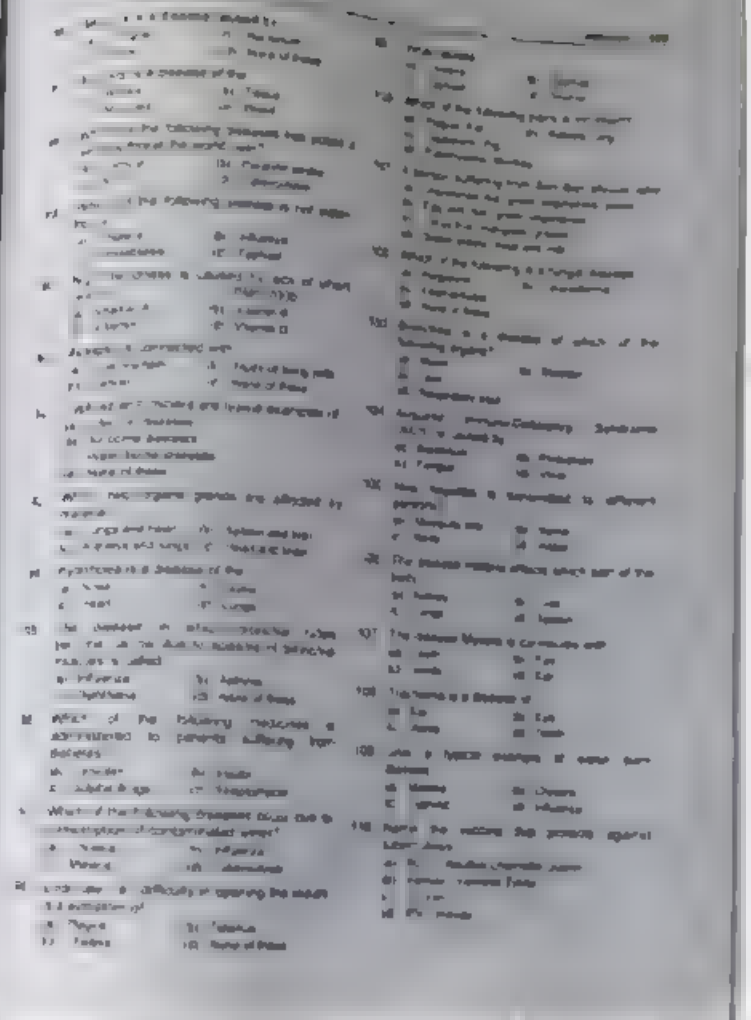
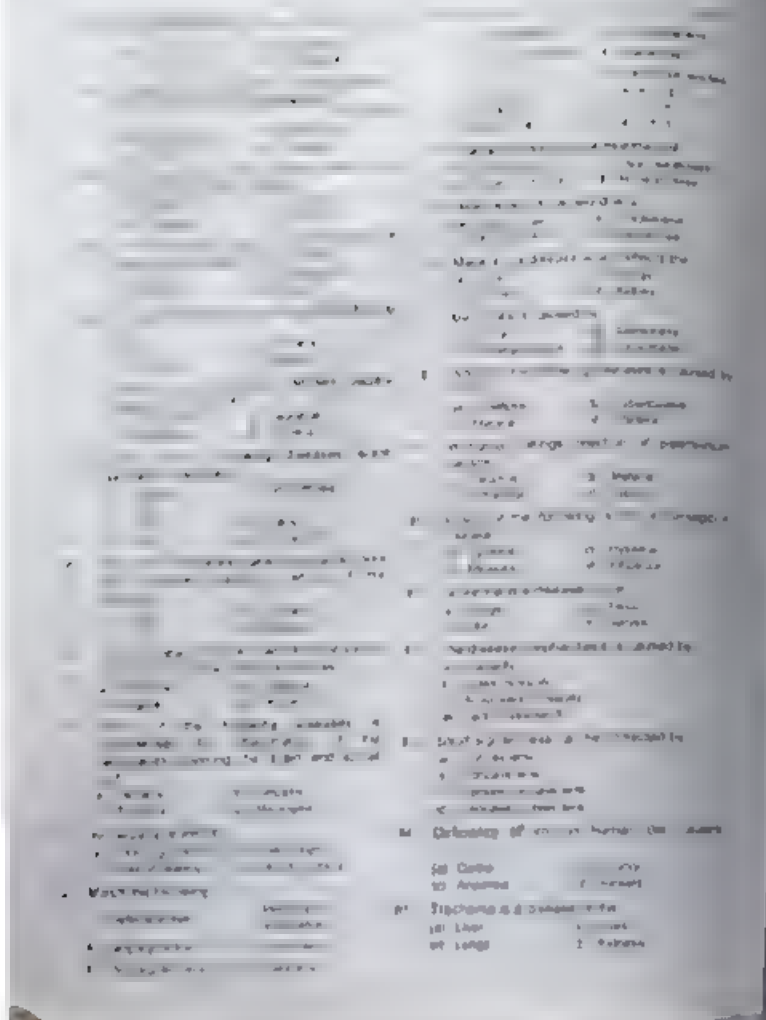


















1) Conductors resistance and conductivity

is ability of the conductor to carry

2) On which parameters does the temperature

resistance of a conductor depends on

temperature, length, area of cross section

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

is ability of the conductor to carry

temperature, length, area of cross section

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

is ability of the conductor to carry

temperature, length, area of cross section

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

is ability of the conductor to carry

temperature, length, area of cross section

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor

length of the conductor

area of cross section of the conductor

material of the conductor

temperature coefficient of resistance

temperature of the conductor



1. The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is of great importance in the theory of the structure of the atom.

2. The second part of the paper is devoted to a detailed analysis of the experimental results. It is shown that the results are in good agreement with the theoretical predictions.

3. The third part of the paper is devoted to a discussion of the theoretical results. It is shown that the theoretical results are in good agreement with the experimental results.

4. The fourth part of the paper is devoted to a discussion of the experimental results. It is shown that the experimental results are in good agreement with the theoretical predictions.

5. The fifth part of the paper is devoted to a discussion of the theoretical results. It is shown that the theoretical results are in good agreement with the experimental results.

6. The sixth part of the paper is devoted to a discussion of the experimental results. It is shown that the experimental results are in good agreement with the theoretical predictions.

7. The seventh part of the paper is devoted to a discussion of the theoretical results. It is shown that the theoretical results are in good agreement with the experimental results.

8. The eighth part of the paper is devoted to a discussion of the experimental results. It is shown that the experimental results are in good agreement with the theoretical predictions.

9. The ninth part of the paper is devoted to a discussion of the theoretical results. It is shown that the theoretical results are in good agreement with the experimental results.

10. The tenth part of the paper is devoted to a discussion of the experimental results. It is shown that the experimental results are in good agreement with the theoretical predictions.

1. The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is of great importance in the theory of the structure of the atom.

2. The second part of the paper is devoted to a detailed analysis of the experimental results. It is shown that the results are in good agreement with the theoretical predictions.

3. The third part of the paper is devoted to a discussion of the theoretical results. It is shown that the theoretical results are in good agreement with the experimental results.

4. The fourth part of the paper is devoted to a discussion of the experimental results. It is shown that the experimental results are in good agreement with the theoretical predictions.

5. The fifth part of the paper is devoted to a discussion of the theoretical results. It is shown that the theoretical results are in good agreement with the experimental results.

6. The sixth part of the paper is devoted to a discussion of the experimental results. It is shown that the experimental results are in good agreement with the theoretical predictions.

7. The seventh part of the paper is devoted to a discussion of the theoretical results. It is shown that the theoretical results are in good agreement with the experimental results.

8. The eighth part of the paper is devoted to a discussion of the experimental results. It is shown that the experimental results are in good agreement with the theoretical predictions.

9. The ninth part of the paper is devoted to a discussion of the theoretical results. It is shown that the theoretical results are in good agreement with the experimental results.

10. The tenth part of the paper is devoted to a discussion of the experimental results. It is shown that the experimental results are in good agreement with the theoretical predictions.







100

Figure 1. The effect of the concentration of the polymer on the gelation time of the polymer solution.



1. The speed of light is constant in all media.

2. The refractive index of a medium is the ratio of the speed of light in vacuum to the speed of light in the medium.

3. The refractive index of a medium is a dimensionless quantity.

4. The refractive index of a medium is a scalar quantity.

5. The refractive index of a medium is a property of the medium.

6. The refractive index of a medium is a function of the wavelength of light.

7. The refractive index of a medium is a function of the temperature of the medium.

8. The refractive index of a medium is a function of the pressure of the medium.

9. The refractive index of a medium is a function of the density of the medium.

10. The refractive index of a medium is a function of the composition of the medium.

11. The refractive index of a medium is a function of the state of the medium.

12. The refractive index of a medium is a function of the frequency of light.

13. The refractive index of a medium is a function of the amplitude of light.

14. The refractive index of a medium is a function of the phase of light.

15. The refractive index of a medium is a function of the polarization of light.

16. The refractive index of a medium is a function of the direction of light.

17. The refractive index of a medium is a function of the time of day.

18. The refractive index of a medium is a function of the season of the year.

19. The refractive index of a medium is a function of the location of the medium.

20. The refractive index of a medium is a function of the age of the medium.

1. The speed of light is constant in all media.

2. The refractive index of a medium is the ratio of the speed of light in vacuum to the speed of light in the medium.

3. The refractive index of a medium is a dimensionless quantity.

4. The refractive index of a medium is a scalar quantity.

5. The refractive index of a medium is a property of the medium.

6. The refractive index of a medium is a function of the wavelength of light.

7. The refractive index of a medium is a function of the temperature of the medium.

8. The refractive index of a medium is a function of the pressure of the medium.

9. The refractive index of a medium is a function of the density of the medium.

10. The refractive index of a medium is a function of the composition of the medium.

11. The refractive index of a medium is a function of the state of the medium.

12. The refractive index of a medium is a function of the frequency of light.

13. The refractive index of a medium is a function of the amplitude of light.

14. The refractive index of a medium is a function of the phase of light.

15. The refractive index of a medium is a function of the polarization of light.

16. The refractive index of a medium is a function of the direction of light.

17. The refractive index of a medium is a function of the time of day.

18. The refractive index of a medium is a function of the season of the year.

19. The refractive index of a medium is a function of the location of the medium.

20. The refractive index of a medium is a function of the age of the medium.



CHEM 4021 P REV[illegible]



187. *For 100,000, 100,000, 100,000, 100,000*







100. Production of...  
 a. ...  
 b. ...  
 c. ...  
 d. ...

101. Which of the following is the lightest element?  
 a. ...  
 b. ...  
 c. ...  
 d. ...

ANSWERS

|     |   |     |   |
|-----|---|-----|---|
| 100 | a | 101 | a |
| 101 | a | 102 | a |
| 102 | a | 103 | a |
| 103 | a | 104 | a |
| 104 | a | 105 | a |
| 105 | a | 106 | a |
| 106 | a | 107 | a |
| 107 | a | 108 | a |
| 108 | a | 109 | a |
| 109 | a | 110 | a |
| 110 | a | 111 | a |
| 111 | a | 112 | a |
| 112 | a | 113 | a |
| 113 | a | 114 | a |
| 114 | a | 115 | a |
| 115 | a | 116 | a |
| 116 | a | 117 | a |
| 117 | a | 118 | a |
| 118 | a | 119 | a |
| 119 | a | 120 | a |

## DISCOVERIES & INVENTIONS

120. ...  
 a. ...  
 b. ...  
 c. ...  
 d. ...

121. ...  
 a. ...  
 b. ...  
 c. ...  
 d. ...

122. ...  
 a. ...  
 b. ...  
 c. ...  
 d. ...

123. ...  
 a. ...  
 b. ...  
 c. ...  
 d. ...

124. ...  
 a. ...  
 b. ...  
 c. ...  
 d. ...

125. ...  
 a. ...  
 b. ...  
 c. ...  
 d. ...

126. ...  
 a. ...  
 b. ...  
 c. ...  
 d. ...

127. ...  
 a. ...  
 b. ...  
 c. ...  
 d. ...



23. Which one of the following pairs is correct?

|  |                |
|--|----------------|
| (A) $\text{CH}_3\text{COOH}$ Acetic acid                             | Acetic acid    |
| (B) $\text{CH}_3\text{COOCH}_3$ Methyl acetate                       | Methyl acetate |
| (C) $\text{CH}_3\text{COOCH}_2\text{CH}_3$ Ethyl acetate             | Ethyl acetate  |
| (D) $\text{CH}_3\text{COOCH}_2\text{CH}_2\text{CH}_3$ Propyl acetate | Propyl acetate |

24. Which one of the following pairs is correct?

|  |                |
|--|----------------|
| (A) $\text{CH}_3\text{COOH}$ Acetic acid                             | Acetic acid    |
| (B) $\text{CH}_3\text{COOCH}_3$ Methyl acetate                       | Methyl acetate |
| (C) $\text{CH}_3\text{COOCH}_2\text{CH}_3$ Ethyl acetate             | Ethyl acetate  |
| (D) $\text{CH}_3\text{COOCH}_2\text{CH}_2\text{CH}_3$ Propyl acetate | Propyl acetate |

10. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

11. Which of the following is not a property of  $\mathbb{R}^n$ ?  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

12. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

13. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

14. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

15. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

16. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

17. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

18. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

19. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

20. The property of  $\mathbb{R}^n$  that is not shared by  $\mathbb{C}^n$  is  
 a. separability  
 b. compactness  
 c. completeness  
 d. separability

4. Name 4 things

4. 1991 was celebrated by

a. Bill Clinton (1) Adlai Stevenson  
b. Carter

4. The number of unemployed in the country is

12.000.000

a. 12.000.000 b. 12.000.000

c. 12.000.000 d. 12.000.000

4. 1991 was celebrated by

a. Bill Clinton (1) Adlai Stevenson  
b. Carter

4. The number of unemployed in the country is

12.000.000

a. 12.000.000 b. 12.000.000

c. 12.000.000 d. 12.000.000

14. Answer: high all negative low  
 15. Effect of the frequency and the concentration of  
frequency  
 a. hydrophobic and hydrophilic effect  
 b. hydrophobic and hydrophilic in water  
 c. theory of frequency and hydrophobic effect  
 d. 1. water and hydrophobic effect  
 16. Answer: they are separated by  
 a. hydrophobic frequency  
 b. hydrophobic effect  
 c. 2 x 1. hydrophobic  
 d. hydrophobic effect







[illegible]

1. The first step in the process of the cell cycle is prophase.

2. The second step in the process of the cell cycle is metaphase.

3. The third step in the process of the cell cycle is anaphase.

4. The fourth step in the process of the cell cycle is telophase.

5. The fifth step in the process of the cell cycle is cytokinesis.

6. The sixth step in the process of the cell cycle is prophase.

7. The seventh step in the process of the cell cycle is metaphase.

8. The eighth step in the process of the cell cycle is anaphase.

9. The ninth step in the process of the cell cycle is telophase.

10. The tenth step in the process of the cell cycle is cytokinesis.

11. The first step in the process of the cell cycle is prophase.

12. The second step in the process of the cell cycle is metaphase.

13. The third step in the process of the cell cycle is anaphase.

14. The fourth step in the process of the cell cycle is telophase.

15. The fifth step in the process of the cell cycle is cytokinesis.

16. The sixth step in the process of the cell cycle is prophase.

17. The seventh step in the process of the cell cycle is metaphase.

18. The eighth step in the process of the cell cycle is anaphase.

19. The ninth step in the process of the cell cycle is telophase.

20. The tenth step in the process of the cell cycle is cytokinesis.

[illegible]



# DIFFERENT SCIENCES

## QUESTIONS

1. The study of the structure and function of the human body is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
2. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics
3. The study of the human body and its parts is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
4. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics
5. The study of the human body and its parts is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
6. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics
7. The study of the human body and its parts is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
8. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics
9. The study of the human body and its parts is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
10. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics

## ANSWERS

1. The study of the structure and function of the human body is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
2. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics
3. The study of the human body and its parts is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
4. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics
5. The study of the human body and its parts is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
6. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics
7. The study of the human body and its parts is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
8. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics
9. The study of the human body and its parts is called:
  - a. Anatomy
  - b. Physiology
  - c. Pathology
  - d. Microbiology
10. The study of the human mind and behavior is called:
  - a. Psychology
  - b. Sociology
  - c. Anthropology
  - d. Linguistics



1. The unit of force is the newton (N).  
 2. The unit of energy is the joule (J).  
 3. The unit of power is the watt (W).  
 4. The unit of pressure is the pascal (Pa).  
 5. The unit of temperature is the kelvin (K).  
 6. The unit of mass is the kilogram (kg).  
 7. The unit of length is the meter (m).  
 8. The unit of time is the second (s).  
 9. The unit of electric charge is the coulomb (C).  
 10. The unit of electric potential is the volt (V).  
 11. The unit of electric resistance is the ohm (Ω).  
 12. The unit of electric current is the ampere (A).  
 13. The unit of magnetic flux is the weber (Wb).  
 14. The unit of magnetic field strength is the tesla (T).  
 15. The unit of luminous flux is the lumen (lm).  
 16. The unit of illuminance is the lux (lx).  
 17. The unit of sound intensity is the watt per square meter (W/m²).  
 18. The unit of sound pressure level is the decibel (dB).  
 19. The unit of radioactivity is the becquerel (Bq).  
 20. The unit of absorbed dose is the gray (Gy).  
 21. The unit of equivalent dose is the sievert (Sv).  
 22. The unit of activity is the curie (Ci).  
 23. The unit of mass concentration is the kilogram per cubic meter (kg/m³).  
 24. The unit of volume concentration is the cubic meter per cubic meter (m³/m³).  
 25. The unit of mass fraction is the kilogram per kilogram (kg/kg).  
 26. The unit of volume fraction is the cubic meter per cubic meter (m³/m³).  
 27. The unit of mass percentage is the percent (%).

### SCIENTIFIC INSTRUMENTS / MEASUREMENT SYSTEMS

1. The unit of force is the newton (N).  
 2. The unit of energy is the joule (J).  
 3. The unit of power is the watt (W).  
 4. The unit of pressure is the pascal (Pa).  
 5. The unit of temperature is the kelvin (K).  
 6. The unit of mass is the kilogram (kg).  
 7. The unit of length is the meter (m).  
 8. The unit of time is the second (s).  
 9. The unit of electric charge is the coulomb (C).  
 10. The unit of electric potential is the volt (V).  
 11. The unit of electric resistance is the ohm (Ω).  
 12. The unit of electric current is the ampere (A).  
 13. The unit of magnetic flux is the weber (Wb).  
 14. The unit of magnetic field strength is the tesla (T).  
 15. The unit of luminous flux is the lumen (lm).  
 16. The unit of illuminance is the lux (lx).  
 17. The unit of sound intensity is the watt per square meter (W/m²).  
 18. The unit of sound pressure level is the decibel (dB).  
 19. The unit of radioactivity is the becquerel (Bq).  
 20. The unit of absorbed dose is the gray (Gy).  
 21. The unit of equivalent dose is the sievert (Sv).  
 22. The unit of activity is the curie (Ci).  
 23. The unit of mass concentration is the kilogram per cubic meter (kg/m³).  
 24. The unit of volume concentration is the cubic meter per cubic meter (m³/m³).  
 25. The unit of mass fraction is the kilogram per kilogram (kg/kg).  
 26. The unit of volume fraction is the cubic meter per cubic meter (m³/m³).  
 27. The unit of mass percentage is the percent (%).

1. The unit of force is the newton (N).  
 2. The unit of energy is the joule (J).  
 3. The unit of power is the watt (W).  
 4. The unit of pressure is the pascal (Pa).  
 5. The unit of temperature is the kelvin (K).  
 6. The unit of mass is the kilogram (kg).  
 7. The unit of length is the meter (m).  
 8. The unit of time is the second (s).  
 9. The unit of electric charge is the coulomb (C).  
 10. The unit of electric potential is the volt (V).  
 11. The unit of electric resistance is the ohm (Ω).  
 12. The unit of electric current is the ampere (A).  
 13. The unit of magnetic flux is the weber (Wb).  
 14. The unit of magnetic field strength is the tesla (T).  
 15. The unit of luminous flux is the lumen (lm).  
 16. The unit of illuminance is the lux (lx).  
 17. The unit of sound intensity is the watt per square meter (W/m²).  
 18. The unit of sound pressure level is the decibel (dB).  
 19. The unit of radioactivity is the becquerel (Bq).  
 20. The unit of absorbed dose is the gray (Gy).  
 21. The unit of equivalent dose is the sievert (Sv).  
 22. The unit of activity is the curie (Ci).  
 23. The unit of mass concentration is the kilogram per cubic meter (kg/m³).  
 24. The unit of volume concentration is the cubic meter per cubic meter (m³/m³).  
 25. The unit of mass fraction is the kilogram per kilogram (kg/kg).  
 26. The unit of volume fraction is the cubic meter per cubic meter (m³/m³).  
 27. The unit of mass percentage is the percent (%).

### ANSWERS

1. d 2. a 3. b 4. c 5. d  
 6. e 7. f 8. g 9. h 10. i  
 11. j 12. k 13. l 14. m 15. n  
 16. o 17. p 18. q 19. r 20. s  
 21. t 22. u 23. v 24. w 25. x  
 26. y 27. z

1. The unit of force is the newton (N).  
 2. The unit of energy is the joule (J).  
 3. The unit of power is the watt (W).  
 4. The unit of pressure is the pascal (Pa).  
 5. The unit of temperature is the kelvin (K).  
 6. The unit of mass is the kilogram (kg).  
 7. The unit of length is the meter (m).  
 8. The unit of time is the second (s).  
 9. The unit of electric charge is the coulomb (C).  
 10. The unit of electric potential is the volt (V).  
 11. The unit of electric resistance is the ohm (Ω).  
 12. The unit of electric current is the ampere (A).  
 13. The unit of magnetic flux is the weber (Wb).  
 14. The unit of magnetic field strength is the tesla (T).  
 15. The unit of luminous flux is the lumen (lm).  
 16. The unit of illuminance is the lux (lx).  
 17. The unit of sound intensity is the watt per square meter (W/m²).  
 18. The unit of sound pressure level is the decibel (dB).  
 19. The unit of radioactivity is the becquerel (Bq).  
 20. The unit of absorbed dose is the gray (Gy).  
 21. The unit of equivalent dose is the sievert (Sv).  
 22. The unit of activity is the curie (Ci).  
 23. The unit of mass concentration is the kilogram per cubic meter (kg/m³).  
 24. The unit of volume concentration is the cubic meter per cubic meter (m³/m³).  
 25. The unit of mass fraction is the kilogram per kilogram (kg/kg).  
 26. The unit of volume fraction is the cubic meter per cubic meter (m³/m³).  
 27. The unit of mass percentage is the percent (%).

1. The unit of force is the newton (N).  
 2. The unit of energy is the joule (J).  
 3. The unit of power is the watt (W).  
 4. The unit of pressure is the pascal (Pa).  
 5. The unit of temperature is the kelvin (K).  
 6. The unit of mass is the kilogram (kg).  
 7. The unit of length is the meter (m).  
 8. The unit of time is the second (s).  
 9. The unit of electric charge is the coulomb (C).  
 10. The unit of electric potential is the volt (V).  
 11. The unit of electric resistance is the ohm (Ω).  
 12. The unit of electric current is the ampere (A).  
 13. The unit of magnetic flux is the weber (Wb).  
 14. The unit of magnetic field strength is the tesla (T).  
 15. The unit of luminous flux is the lumen (lm).  
 16. The unit of illuminance is the lux (lx).  
 17. The unit of sound intensity is the watt per square meter (W/m²).  
 18. The unit of sound pressure level is the decibel (dB).  
 19. The unit of radioactivity is the becquerel (Bq).  
 20. The unit of absorbed dose is the gray (Gy).  
 21. The unit of equivalent dose is the sievert (Sv).  
 22. The unit of activity is the curie (Ci).  
 23. The unit of mass concentration is the kilogram per cubic meter (kg/m³).  
 24. The unit of volume concentration is the cubic meter per cubic meter (m³/m³).  
 25. The unit of mass fraction is the kilogram per kilogram (kg/kg).  
 26. The unit of volume fraction is the cubic meter per cubic meter (m³/m³).  
 27. The unit of mass percentage is the percent (%).



# ANSWERS

|   |    |    |    |    |
|---|----|----|----|----|
| 1 | 8  | 4  | 5  | 9  |
| 2 | 3  | 4  | 5  | 6  |
| 3 | 8  | 5  | 3  | 6  |
| 4 | 21 | 6  | 2  | 71 |
| 5 | 26 | 4  | 3  | 34 |
| 6 | 21 | 16 | 7  | 9  |
| 7 | 38 | 3  | 74 | 4  |

## WEIGHTS AND MEASURES

21. 144  
One square inch is equal to 144 square lines.

22. 288 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

23. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

24. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

25. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

26. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

27. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

28. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

29. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

30. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

31. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

32. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

33. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

34. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

35. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

36. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

37. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

38. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

39. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

40. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

41. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

42. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

43. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

44. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

45. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

46. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

47. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

48. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

49. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

50. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

51. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

52. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

53. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

54. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

55. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.

56. 144 sq. in. to 1 sq. ft.  
1 sq. ft. = 144 sq. in.















- [illegible]

1. The first part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
1. The first part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
2. The second part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
3. The third part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
4. The fourth part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
5. The fifth part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
6. The sixth part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
7. The seventh part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
8. The eighth part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
9. The ninth part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
10. The tenth part of the document is a list of 10 items, each with a number and a description of a document or document type. The descriptions are in a mix of English and a non-English language, possibly a code or a specific dialect. The items are:
- 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.







1. The first step in the process of...  
2. The second step is to...  
3. The third step is to...  
4. The fourth step is to...  
5. The fifth step is to...  
6. The sixth step is to...  
7. The seventh step is to...  
8. The eighth step is to...  
9. The ninth step is to...  
10. The tenth step is to...  
11. The eleventh step is to...  
12. The twelfth step is to...  
13. The thirteenth step is to...  
14. The fourteenth step is to...  
15. The fifteenth step is to...  
16. The sixteenth step is to...  
17. The seventeenth step is to...  
18. The eighteenth step is to...  
19. The nineteenth step is to...  
20. The twentieth step is to...

21. The twenty-first step is to...  
22. The twenty-second step is to...  
23. The twenty-third step is to...  
24. The twenty-fourth step is to...  
25. The twenty-fifth step is to...  
26. The twenty-sixth step is to...  
27. The twenty-seventh step is to...  
28. The twenty-eighth step is to...  
29. The twenty-ninth step is to...  
30. The thirtieth step is to...  
31. The thirty-first step is to...  
32. The thirty-second step is to...  
33. The thirty-third step is to...  
34. The thirty-fourth step is to...  
35. The thirty-fifth step is to...  
36. The thirty-sixth step is to...  
37. The thirty-seventh step is to...  
38. The thirty-eighth step is to...  
39. The thirty-ninth step is to...  
40. The fortieth step is to...

41. The forty-first step is to...  
42. The forty-second step is to...  
43. The forty-third step is to...  
44. The forty-fourth step is to...  
45. The forty-fifth step is to...  
46. The forty-sixth step is to...  
47. The forty-seventh step is to...  
48. The forty-eighth step is to...  
49. The forty-ninth step is to...  
50. The fiftieth step is to...  
51. The fifty-first step is to...  
52. The fifty-second step is to...  
53. The fifty-third step is to...  
54. The fifty-fourth step is to...  
55. The fifty-fifth step is to...  
56. The fifty-sixth step is to...  
57. The fifty-seventh step is to...  
58. The fifty-eighth step is to...  
59. The fifty-ninth step is to...  
60. The sixtieth step is to...

61. The sixty-first step is to...  
62. The sixty-second step is to...  
63. The sixty-third step is to...  
64. The sixty-fourth step is to...  
65. The sixty-fifth step is to...  
66. The sixty-sixth step is to...  
67. The sixty-seventh step is to...  
68. The sixty-eighth step is to...  
69. The sixty-ninth step is to...  
70. The seventieth step is to...  
71. The seventy-first step is to...  
72. The seventy-second step is to...  
73. The seventy-third step is to...  
74. The seventy-fourth step is to...  
75. The seventy-fifth step is to...  
76. The seventy-sixth step is to...  
77. The seventy-seventh step is to...  
78. The seventy-eighth step is to...  
79. The seventy-ninth step is to...  
80. The eightieth step is to...







1. The first part of the program is the introduction.
2. The second part of the program is the main body.
3. The third part of the program is the conclusion.
4. The fourth part of the program is the appendix.
5. The fifth part of the program is the bibliography.
6. The sixth part of the program is the index.
7. The seventh part of the program is the glossary.
8. The eighth part of the program is the list of figures.
9. The ninth part of the program is the list of tables.
10. The tenth part of the program is the list of references.

11. The eleventh part of the program is the list of abbreviations.
12. The twelfth part of the program is the list of symbols.
13. The thirteenth part of the program is the list of units.
14. The fourteenth part of the program is the list of definitions.
15. The fifteenth part of the program is the list of equations.
16. The sixteenth part of the program is the list of figures.
17. The seventeenth part of the program is the list of tables.
18. The eighteenth part of the program is the list of references.
19. The nineteenth part of the program is the list of abbreviations.
20. The twentieth part of the program is the list of symbols.

21. The twenty-first part of the program is the list of units.
22. The twenty-second part of the program is the list of definitions.
23. The twenty-third part of the program is the list of equations.
24. The twenty-fourth part of the program is the list of figures.
25. The twenty-fifth part of the program is the list of tables.
26. The twenty-sixth part of the program is the list of references.
27. The twenty-seventh part of the program is the list of abbreviations.
28. The twenty-eighth part of the program is the list of symbols.
29. The twenty-ninth part of the program is the list of units.
30. The thirtieth part of the program is the list of definitions.

31. The thirty-first part of the program is the list of equations.
32. The thirty-second part of the program is the list of figures.
33. The thirty-third part of the program is the list of tables.
34. The thirty-fourth part of the program is the list of references.
35. The thirty-fifth part of the program is the list of abbreviations.
36. The thirty-sixth part of the program is the list of symbols.
37. The thirty-seventh part of the program is the list of units.
38. The thirty-eighth part of the program is the list of definitions.
39. The thirty-ninth part of the program is the list of equations.
40. The fortieth part of the program is the list of figures.







1. The first step in the process of the...  
2. The second step is to...  
3. The third step is to...  
4. The fourth step is to...  
5. The fifth step is to...  
6. The sixth step is to...  
7. The seventh step is to...  
8. The eighth step is to...  
9. The ninth step is to...  
10. The tenth step is to...

11. The eleventh step is to...  
12. The twelfth step is to...  
13. The thirteenth step is to...  
14. The fourteenth step is to...  
15. The fifteenth step is to...  
16. The sixteenth step is to...  
17. The seventeenth step is to...  
18. The eighteenth step is to...  
19. The nineteenth step is to...  
20. The twentieth step is to...

21. The twenty-first step is to...  
22. The twenty-second step is to...  
23. The twenty-third step is to...  
24. The twenty-fourth step is to...  
25. The twenty-fifth step is to...  
26. The twenty-sixth step is to...  
27. The twenty-seventh step is to...  
28. The twenty-eighth step is to...  
29. The twenty-ninth step is to...  
30. The thirtieth step is to...

31. The thirty-first step is to...  
32. The thirty-second step is to...  
33. The thirty-third step is to...  
34. The thirty-fourth step is to...  
35. The thirty-fifth step is to...  
36. The thirty-sixth step is to...  
37. The thirty-seventh step is to...  
38. The thirty-eighth step is to...  
39. The thirty-ninth step is to...  
40. The fortieth step is to...

41. The forty-first step is to...  
42. The forty-second step is to...  
43. The forty-third step is to...  
44. The forty-fourth step is to...  
45. The forty-fifth step is to...  
46. The forty-sixth step is to...  
47. The forty-seventh step is to...  
48. The forty-eighth step is to...  
49. The forty-ninth step is to...  
50. The fiftieth step is to...

51. The fifty-first step is to...  
52. The fifty-second step is to...  
53. The fifty-third step is to...  
54. The fifty-fourth step is to...  
55. The fifty-fifth step is to...  
56. The fifty-sixth step is to...  
57. The fifty-seventh step is to...  
58. The fifty-eighth step is to...  
59. The fifty-ninth step is to...  
60. The sixtieth step is to...

61. The sixty-first step is to...  
62. The sixty-second step is to...  
63. The sixty-third step is to...  
64. The sixty-fourth step is to...  
65. The sixty-fifth step is to...  
66. The sixty-sixth step is to...  
67. The sixty-seventh step is to...  
68. The sixty-eighth step is to...  
69. The sixty-ninth step is to...  
70. The seventieth step is to...

71. The seventy-first step is to...  
72. The seventy-second step is to...  
73. The seventy-third step is to...  
74. The seventy-fourth step is to...  
75. The seventy-fifth step is to...  
76. The seventy-sixth step is to...  
77. The seventy-seventh step is to...  
78. The seventy-eighth step is to...  
79. The seventy-ninth step is to...  
80. The eightieth step is to...

81. The eighty-first step is to...  
82. The eighty-second step is to...  
83. The eighty-third step is to...  
84. The eighty-fourth step is to...  
85. The eighty-fifth step is to...  
86. The eighty-sixth step is to...  
87. The eighty-seventh step is to...  
88. The eighty-eighth step is to...  
89. The eighty-ninth step is to...  
90. The ninetieth step is to...

91. The ninety-first step is to...  
92. The ninety-second step is to...  
93. The ninety-third step is to...  
94. The ninety-fourth step is to...  
95. The ninety-fifth step is to...  
96. The ninety-sixth step is to...  
97. The ninety-seventh step is to...  
98. The ninety-eighth step is to...  
99. The ninety-ninth step is to...  
100. The hundredth step is to...

101. The hundred-first step is to...  
102. The hundred-second step is to...  
103. The hundred-third step is to...  
104. The hundred-fourth step is to...  
105. The hundred-fifth step is to...  
106. The hundred-sixth step is to...  
107. The hundred-seventh step is to...  
108. The hundred-eighth step is to...  
109. The hundred-ninth step is to...  
110. The hundred-tenth step is to...

111. The hundred-eleventh step is to...  
112. The hundred-twelfth step is to...  
113. The hundred-thirteenth step is to...  
114. The hundred-fourteenth step is to...  
115. The hundred-fifteenth step is to...  
116. The hundred-sixteenth step is to...  
117. The hundred-seventeenth step is to...  
118. The hundred-eighteenth step is to...  
119. The hundred-nineteenth step is to...  
120. The hundred-twentieth step is to...

121. The two-hundred-first step is to...  
122. The two-hundred-second step is to...  
123. The two-hundred-third step is to...  
124. The two-hundred-fourth step is to...  
125. The two-hundred-fifth step is to...  
126. The two-hundred-sixth step is to...  
127. The two-hundred-seventh step is to...  
128. The two-hundred-eighth step is to...  
129. The two-hundred-ninth step is to...  
130. The two-hundred-tenth step is to...

131. The two-hundred-eleventh step is to...  
132. The two-hundred-twelfth step is to...  
133. The two-hundred-thirteenth step is to...  
134. The two-hundred-fourteenth step is to...  
135. The two-hundred-fifteenth step is to...  
136. The two-hundred-sixteenth step is to...  
137. The two-hundred-seventeenth step is to...  
138. The two-hundred-eighteenth step is to...  
139. The two-hundred-nineteenth step is to...  
140. The two-hundred-twentieth step is to...

141. The two-hundred-twenty-first step is to...  
142. The two-hundred-twenty-second step is to...  
143. The two-hundred-twenty-third step is to...  
144. The two-hundred-twenty-fourth step is to...  
145. The two-hundred-twenty-fifth step is to...  
146. The two-hundred-twenty-sixth step is to...  
147. The two-hundred-twenty-seventh step is to...  
148. The two-hundred-twenty-eighth step is to...  
149. The two-hundred-twenty-ninth step is to...  
150. The two-hundred-thirtieth step is to...

151. The two-hundred-thirty-first step is to...  
152. The two-hundred-thirty-second step is to...  
153. The two-hundred-thirty-third step is to...  
154. The two-hundred-thirty-fourth step is to...  
155. The two-hundred-thirty-fifth step is to...  
156. The two-hundred-thirty-sixth step is to...  
157. The two-hundred-thirty-seventh step is to...  
158. The two-hundred-thirty-eighth step is to...  
159. The two-hundred-thirty-ninth step is to...  
160. The two-hundred-fortieth step is to...

161. The two-hundred-forty-first step is to...  
162. The two-hundred-forty-second step is to...  
163. The two-hundred-forty-third step is to...  
164. The two-hundred-forty-fourth step is to...  
165. The two-hundred-forty-fifth step is to...  
166. The two-hundred-forty-sixth step is to...  
167. The two-hundred-forty-seventh step is to...  
168. The two-hundred-forty-eighth step is to...  
169. The two-hundred-forty-ninth step is to...  
170. The two-hundred-fiftieth step is to...

171. The two-hundred-fifty-first step is to...  
172. The two-hundred-fifty-second step is to...  
173. The two-hundred-fifty-third step is to...  
174. The two-hundred-fifty-fourth step is to...  
175. The two-hundred-fifty-fifth step is to...  
176. The two-hundred-fifty-sixth step is to...  
177. The two-hundred-fifty-seventh step is to...  
178. The two-hundred-fifty-eighth step is to...  
179. The two-hundred-fifty-ninth step is to...  
180. The two-hundred-sixtieth step is to...

181. The three-hundred-first step is to...  
182. The three-hundred-second step is to...  
183. The three-hundred-third step is to...  
184. The three-hundred-fourth step is to...  
185. The three-hundred-fifth step is to...  
186. The three-hundred-sixth step is to...  
187. The three-hundred-seventh step is to...  
188. The three-hundred-eighth step is to...  
189. The three-hundred-ninth step is to...  
190. The three-hundred-tenth step is to...

191. The three-hundred-eleventh step is to...  
192. The three-hundred-twelfth step is to...  
193. The three-hundred-thirteenth step is to...  
194. The three-hundred-fourteenth step is to...  
195. The three-hundred-fifteenth step is to...  
196. The three-hundred-sixteenth step is to...  
197. The three-hundred-seventeenth step is to...  
198. The three-hundred-eighteenth step is to...  
199. The three-hundred-nineteenth step is to...  
200. The three-hundred-twentieth step is to...

201. The three-hundred-twenty-first step is to...  
202. The three-hundred-twenty-second step is to...  
203. The three-hundred-twenty-third step is to...  
204. The three-hundred-twenty-fourth step is to...  
205. The three-hundred-twenty-fifth step is to...  
206. The three-hundred-twenty-sixth step is to...  
207. The three-hundred-twenty-seventh step is to...  
208. The three-hundred-twenty-eighth step is to...  
209. The three-hundred-twenty-ninth step is to...  
210. The three-hundred-thirtieth step is to...

211. The three-hundred-thirty-first step is to...  
212. The three-hundred-thirty-second step is to...  
213. The three-hundred-thirty-third step is to...  
214. The three-hundred-thirty-fourth step is to...  
215. The three-hundred-thirty-fifth step is to...  
216. The three-hundred-thirty-sixth step is to...  
217. The three-hundred-thirty-seventh step is to...  
218. The three-hundred-thirty-eighth step is to...  
219. The three-hundred-thirty-ninth step is to...  
220. The three-hundred-fortieth step is to...

221. The three-hundred-forty-first step is to...  
222. The three-hundred-forty-second step is to...  
223. The three-hundred-forty-third step is to...  
224. The three-hundred-forty-fourth step is to...  
225. The three-hundred-forty-fifth step is to...  
226. The three-hundred-forty-sixth step is to...  
227. The three-hundred-forty-seventh step is to...  
228. The three-hundred-forty-eighth step is to...  
229. The three-hundred-forty-ninth step is to...  
230. The three-hundred-fiftieth step is to...

231. The three-hundred-fifty-first step is to...  
232. The three-hundred-fifty-second step is to...  
233. The three-hundred-fifty-third step is to...  
234. The three-hundred-fifty-fourth step is to...  
235. The three-hundred-fifty-fifth step is to...  
236. The three-hundred-fifty-sixth step is to...  
237. The three-hundred-fifty-seventh step is to...  
238. The three-hundred-fifty-eighth step is to...  
239. The three-hundred-fifty-ninth step is to...  
240. The three-hundred-sixtieth step is to...



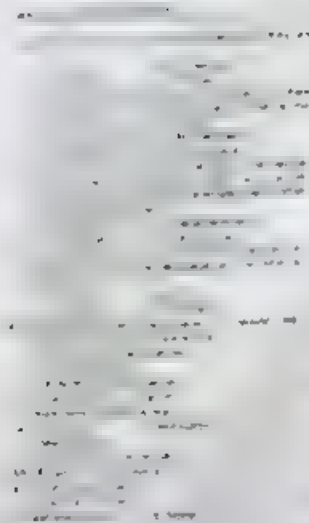
1. The first step in the process of the computer is to receive data from the user. This data is then processed by the computer's internal components, which perform various calculations and operations. The results of these operations are then displayed on the screen or printed out. The computer also stores data in its memory, which can be accessed at any time. The computer's operating system manages the hardware and software resources, ensuring that the system runs smoothly and efficiently. The user interacts with the computer through the keyboard and mouse, providing input and receiving output. The computer's internal components, including the CPU, memory, and storage, work together to perform the tasks assigned to it. The computer's operating system provides a platform for running various applications and programs. The user can use the computer for a wide range of tasks, from simple data entry to complex scientific calculations. The computer's ability to store and retrieve data makes it a powerful tool for managing information. The computer's internal components are designed to be reliable and durable, ensuring that the system can operate for many years. The computer's operating system is constantly updated to improve its performance and security. The user should always use the computer responsibly and follow the manufacturer's instructions. The computer is a valuable tool that can help us in many ways, from work to play. We should make the most of it and use it to its full potential.

2. The second step in the process of the computer is to process the data. This involves performing various calculations and operations on the data. The computer's internal components, including the CPU and memory, are responsible for this processing. The results of the processing are then stored in the computer's memory. The computer's operating system manages the processing of the data, ensuring that it is done efficiently and accurately. The user can interact with the computer during this step, providing input and receiving output. The computer's internal components are designed to handle large amounts of data and perform complex calculations. The computer's operating system provides a platform for running various applications and programs. The user can use the computer for a wide range of tasks, from simple data entry to complex scientific calculations. The computer's ability to store and retrieve data makes it a powerful tool for managing information. The computer's internal components are designed to be reliable and durable, ensuring that the system can operate for many years. The computer's operating system is constantly updated to improve its performance and security. The user should always use the computer responsibly and follow the manufacturer's instructions. The computer is a valuable tool that can help us in many ways, from work to play. We should make the most of it and use it to its full potential.



- [illegible]





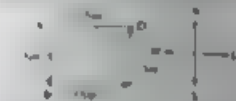
### MISCELLANEOUS QUESTIONS

1. A 3x3 grid of numbers:
2. A sequence of shapes: a square, a circle, a triangle, a square, a circle, a triangle, a square, a circle, a triangle.
3. A diagram of a cube net with faces labeled A, B, C, D, E, F.
4. A 3x3 grid of numbers:
5. A sequence of shapes: a square, a circle, a triangle, a square, a circle, a triangle, a square, a circle, a triangle.
6. A diagram of a cube net with faces labeled A, B, C, D, E, F.
7. A 3x3 grid of numbers:
8. A sequence of shapes: a square, a circle, a triangle, a square, a circle, a triangle, a square, a circle, a triangle.
9. A diagram of a cube net with faces labeled A, B, C, D, E, F.
10. A 3x3 grid of numbers:
11. A sequence of shapes: a square, a circle, a triangle, a square, a circle, a triangle, a square, a circle, a triangle.
12. A diagram of a cube net with faces labeled A, B, C, D, E, F.

### MENTAL APTITUDE TESTS

#### IQ TEST

Directions: Read each question carefully and choose the correct answer from the four given options. The correct answer is marked with a circle.

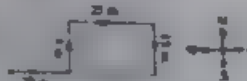


1. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.

2. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.

3. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.

4. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.



5. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.

6. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.



7. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.

8. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.



9. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.

10. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.

11. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.

12. A diagram showing a horizontal line with a point in the middle. Above the point is a vertical line segment, and below the point is a vertical line segment. The segments are labeled with numbers.







1. A number is called a **perfect number** if it is equal to the sum of its proper divisors. For example, 6 is a perfect number because its proper divisors are 1, 2, and 3, and  $1 + 2 + 3 = 6$ .

2. A number is called a **deficient number** if it is greater than the sum of its proper divisors. For example, 8 is a deficient number because its proper divisors are 1, 2, and 4, and  $1 + 2 + 4 = 7 < 8$ .

3. A number is called an **abundant number** if it is less than the sum of its proper divisors. For example, 12 is an abundant number because its proper divisors are 1, 2, 3, 4, and 6, and  $1 + 2 + 3 + 4 + 6 = 16 > 12$ .

4. A number is called a **prime number** if it is greater than 1 and has no positive divisors other than 1 and itself. For example, 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97, 101, 103, 107, 109, 113, 127, 131, 137, 139, 149, 151, 157, 163, 167, 173, 179, 181, 187, 191, 193, 197, 199, 211, 223, 227, 229, 233, 239, 241, 251, 257, 263, 269, 271, 277, 281, 283, 293, 307, 311, 313, 317, 331, 337, 347, 349, 353, 359, 367, 373, 379, 383, 389, 397, 401, 409, 419, 421, 431, 433, 439, 443, 449, 457, 461, 463, 467, 479, 487, 491, 499, 503, 509, 521, 523, 541, 547, 557, 563, 569, 571, 577, 587, 593, 599, 601, 607, 613, 617, 619, 631, 641, 643, 647, 653, 659, 661, 673, 677, 683, 687, 691, 697, 701, 709, 713, 719, 727, 733, 739, 743, 751, 757, 761, 769, 773, 787, 797, 809, 811, 821, 823, 827, 833, 839, 847, 853, 857, 859, 863, 877, 881, 883, 887, 893, 897, 901, 907, 911, 913, 917, 919, 929, 937, 941, 947, 953, 967, 971, 973, 977, 983, 989, 991, 997, 1009, 1013, 1019, 1021, 1031, 1033, 1039, 1043, 1049, 1051, 1057, 1063, 1067, 1069, 1073, 1079, 1087, 1091, 1093, 1097, 1103, 1109, 1117, 1123, 1127, 1129, 1133, 1139, 1147, 1151, 1153, 1157, 1163, 1169, 1171, 1177, 1181, 1183, 1187, 1193, 1197, 1201, 1207, 1213, 1217, 1223, 1229, 1231, 1237, 1241, 1247, 1249, 1253, 1259, 1261, 1267, 1271, 1273, 1277, 1283, 1287, 1291, 1297, 1301, 1303, 1307, 1313, 1317, 1321, 1327, 1331, 1333, 1337, 1339, 1343, 1347, 1349, 1351, 1357, 1361, 1363, 1367, 1373, 1377, 1381, 1383, 1387, 1393, 1397, 1401, 1403, 1407, 1411, 1413, 1417, 1423, 1427, 1429, 1433, 1439, 1441, 1443, 1447, 1453, 1457, 1463, 1467, 1471, 1473, 1477, 1483, 1487, 1493, 1497, 1501, 1503, 1507, 1513, 1517, 1523, 1527, 1531, 1533, 1537, 1543, 1547, 1549, 1553, 1557, 1561, 1563, 1567, 1573, 1577, 1583, 1587, 1591, 1593, 1597, 1601, 1603, 1607, 1613, 1617, 1621, 1623, 1627, 1633, 1637, 1643, 1647, 1651, 1653, 1657, 1663, 1667, 1673, 1677, 1681, 1683, 1687, 1693, 1697, 1701, 1703, 1707, 1711, 1713, 1717, 1723, 1727, 1733, 1737, 1741, 1743, 1747, 1753, 1757, 1763, 1767, 1771, 1773, 1777, 1783, 1787, 1793, 1797, 1801, 1803, 1807, 1813, 1817, 1823, 1827, 1831, 1833, 1837, 1843, 1847, 1851, 1853, 1857, 1861, 1863, 1867, 1873, 1877, 1883, 1887, 1891, 1893, 1897, 1901, 1903, 1907, 1913, 1917, 1923, 1927, 1931, 1933, 1937, 1943, 1947, 1951, 1953, 1957, 1963, 1967, 1973, 1977, 1981, 1983, 1987, 1993, 1997, 2003, 2007, 2011, 2013, 2017, 2023, 2027, 2033, 2037, 2043, 2047, 2051, 2053, 2057, 2063, 2067, 2071, 2073, 2077, 2083, 2087, 2093, 2097, 2101, 2103, 2107, 2113, 2117, 2123, 2127, 2131, 2133, 2137, 2143, 2147, 2151, 2153, 2157, 2161, 2163, 2167, 2173, 2177, 2183, 2187, 2191, 2193, 2197, 2201, 2203, 2207, 2213, 2217, 2223, 2227, 2233, 2237, 2243, 2247, 2251, 2253, 2257, 2263, 2267, 2273, 2277, 2281, 2283, 2287, 2293, 2297, 2301, 2303, 2307, 2313, 2317, 2323, 2327, 2333, 2337, 2343, 2347, 2351, 2353, 2357, 2363, 2367, 2371, 2373, 2377, 2383, 2387, 2393, 2397, 2401, 2403, 2407, 2413, 2417, 2423, 2427, 2431, 2433, 2437, 2443, 2447, 2451, 2453, 2457, 2461, 2463, 2467, 2473, 2477, 2483, 2487, 2491, 2493, 2497, 2501, 2503, 2507, 2513, 2517, 2523, 2527, 2533, 2537, 2543, 2547, 2551, 2553, 2557, 2563, 2567, 2573, 2577, 2581, 2583, 2587, 2593, 2597, 2601, 2603, 2607, 2613, 2617, 2623, 2627, 2633, 2637, 2643, 2647, 2651, 2653, 2657, 2663, 2667, 2671, 2673, 2677, 2683, 2687, 2693, 2697, 2701, 2703, 2707, 2713, 2717, 2723, 2727, 2731, 2733, 2737, 2743, 2747, 2751, 2753, 2757, 2761, 2763, 2767, 2773, 2777, 2783, 2787, 2791, 2793, 2797, 2801, 2803, 2807, 2813, 2817, 2823, 2827, 2833, 2837, 2843, 2847, 2851, 2853, 2857, 2863, 2867, 2873, 2877, 2881, 2883, 2887, 2893, 2897, 2901, 2903, 2907, 2913, 2917, 2923, 2927, 2933, 2937, 2943, 2947, 2951, 2953, 2957, 2963, 2967, 2971, 2973, 2977, 2983, 2987, 2993, 2997, 3001, 3003, 3007, 3013, 3017, 3023, 3027, 3033, 3037, 3043, 3047, 3051, 3053, 3057, 3063, 3067, 3073, 3077, 3083, 3087, 3091, 3093, 3097, 3101, 3103, 3107, 3113, 3117, 3123, 3127, 3133, 3137, 3143, 3147, 3151, 3153, 3157, 3163, 3167, 3173, 3177, 3183, 3187, 3193, 3197, 3201, 3203, 3207, 3213, 3217, 3223, 3227, 3233, 3237, 3243, 3247, 3251, 3253, 3257, 3263, 3267, 3271, 3273, 3277, 3283, 3287, 3293, 3297, 3301, 3303, 3307, 3313, 3317, 3323, 3327, 3333, 3337, 3343, 3347, 3351, 3353, 3357, 3363, 3367, 3373, 3377, 3383, 3387, 3391, 3393, 3397, 3401, 3403, 3407, 3413, 3417, 3423, 3427, 3433, 3437, 3443, 3447, 3451, 3453, 3457, 3463, 3467, 3473, 3477, 3483, 3487, 3493, 3497, 3501, 3503, 3507, 3513, 3517, 3523, 3527, 3533, 3537, 3543, 3547, 3551, 3553, 3557, 3563, 3567, 3573, 3577, 3583, 3587, 3593, 3597, 3601, 3603, 3607, 3613, 3617, 3623, 3627, 3633, 3637, 3643, 3647, 3651, 3653, 3657, 3663, 3667, 3673, 3677, 3683, 3687, 3691, 3693, 3697, 3701, 3703, 3707, 3713, 3717, 3723, 3727, 3733, 3737, 3743, 3747, 3751, 3753, 3757, 3763, 3767, 3773, 3777, 3783, 3787, 3793, 3797, 3801, 3803, 3807, 3813, 3817, 3823, 3827, 3833, 3837, 3843, 3847, 3851, 3853, 3857, 3863, 3867, 3873, 3877, 3883, 3887, 3893, 3897, 3901, 3903, 3907, 3913, 3917, 3923, 3927, 3933, 3937, 3943, 3947, 3951, 3953, 3957, 3963, 3967, 3973, 3977, 3983, 3987, 3993, 3997, 4001, 4003, 4007, 4013, 4017, 4023, 4027, 4033, 4037, 4043, 4047, 4051, 4053, 4057, 4063, 4067, 4073, 4077, 4083, 4087, 4093, 4097, 4101, 4103, 4107, 4113, 4117, 4123, 4127, 4133, 4137, 4143, 4147, 4151, 4153, 4157, 4163, 4167, 4173, 4177, 4183, 4187, 4193, 4197, 4201, 4203, 4207, 4213, 4217, 4223, 4227, 4233, 4237, 4243, 4247, 4251, 4253, 4257, 4263, 4267, 4273, 4277, 4283, 4287, 4293, 4297, 4301, 4303, 4307, 4313, 4317, 4323, 4327, 4333, 4337, 4343, 4347, 4351, 4353, 4357, 4363, 4367, 4373, 4377, 4383, 4387, 4393, 4397, 4401, 4403, 4407, 4413, 4417, 4423, 4427, 4433, 4437, 4443, 4447, 4451, 4453, 4457, 4463, 4467, 4473, 4477, 4483, 4487, 4493, 4497, 4501, 4503, 4507, 4513, 4517, 4523, 4527, 4533, 4537, 4543, 4547, 4551, 4553, 4557, 4563, 4567, 4573, 4577, 4583, 4587, 4593, 4597, 4601, 4603, 4607, 4613, 4617, 4623, 4627, 4633, 4637, 4643, 4647, 4651, 4653, 4657, 4663, 4667, 4673, 4677, 4683, 4687, 4693, 4697, 4701, 4703, 4707, 4713, 4717, 4723, 4727, 4733, 4737, 4743, 4747, 4753, 4757, 4763, 4767, 4773, 4777, 4783, 4787, 4793, 4797, 4801, 4803, 4807, 4813, 4817, 4823, 4827, 4833, 4837, 4843, 4847, 4851, 4853, 4857, 4863, 4867, 4873, 4877, 4883, 4887, 4893, 4897, 4901, 4903, 4907, 4913, 4917, 4923, 4927, 4933, 4937, 4943, 4947, 4951, 4953, 4957, 4963, 4967, 4973, 4977, 4983, 4987, 4993, 4997, 5001, 5003, 5007, 5013, 5017, 5023, 5027, 5033, 5037, 5043, 5047, 5051, 5053, 5057, 5063, 5067, 5073, 5077, 5083, 5087, 5093, 5097, 5101, 5103, 5107, 5113, 5117, 5123, 5127, 5133, 5137, 5143, 5147, 5151, 5153, 5157, 5163, 5167, 5173, 5177, 5183, 5187, 5193, 5197, 5201, 5203, 5207, 5213, 5217, 5223, 5227, 5233, 5237, 5243, 5247, 5251, 5253, 5257, 5263, 5267, 5273, 5277, 5283, 5287, 5293, 5297, 5301, 5303, 5307, 5313, 5317, 5323, 5327, 5333, 5337, 5343, 5347, 5351, 5353, 5357, 5363, 5367, 5373, 5377, 5383, 5387, 5393, 5397, 5401, 5403, 5407, 5413, 5417, 5423, 5427, 5433, 5437, 5443, 5447, 5451, 5453, 5457, 5463, 5467, 5473, 5477, 5483, 5487, 5493, 5497, 5501, 5503, 5507, 5513, 5517, 5523, 5527, 5533, 5537, 5543, 5547, 5551, 5553, 5557, 5563, 5567, 5573, 5577, 5583, 5587, 5593, 5597, 5601, 5603, 5607, 5613, 5617, 5623, 5627, 5633, 5637, 5643, 5647, 5651, 5653, 5657, 5663, 5667, 5673, 5677, 5683, 5687, 5693, 5697, 5701, 5703, 5707, 5713, 5717, 5723, 5727, 5733, 5737, 5743, 5747, 5751, 5753, 5757, 5763, 5767, 5773, 5777, 5783, 5787, 5793, 5797, 5801, 5803, 5807, 5813, 5817, 5823, 5827, 5833, 5837, 5843, 5847, 5851, 5853, 5857, 5863, 5867, 5873, 5877, 5883, 5887, 5893, 5897, 5901, 5903, 5907, 5913, 5917, 5923, 5927, 5933, 5937, 5943, 5947, 5951, 5953, 5957, 5963, 5967, 5973, 5977, 5983, 5987, 5993, 5997, 6001, 6003, 6007, 6013, 6017, 6023, 6027, 6033, 6037, 6043, 6047, 6051, 6053, 6057, 6063, 6067, 6073, 6077, 6083, 6087, 6093, 6097, 6101, 6103, 6107, 6113, 6117, 6123, 6127, 6133, 6137, 6143, 6147, 6151, 6153, 6157, 6163, 6167, 6173, 6177, 6183, 6187, 6193, 6197, 6201, 6203, 6207, 6213, 6217, 6223, 6227, 6233, 6237, 6243, 6247, 6251, 6253, 6257, 6263, 6267, 6273, 6277, 6283, 6287, 6293, 6297, 6301, 6303, 6307, 6313, 6317, 6323, 6327, 6333, 6337, 6343, 6347, 6351, 6353, 6357, 6363, 6367, 6373, 6377, 6383, 6387, 6393, 6397, 6401, 6403, 6407, 6413, 6417, 6423, 6427, 6433, 6437, 6443, 6447, 6451, 6453, 6457, 6463, 6467, 6473, 6477, 6483, 6487, 6493, 6497, 6501, 6503, 6507, 6513, 6517, 6523, 6527, 6533, 6537, 6543, 6547, 6551, 6553, 6557, 6563, 6567, 6573, 6577, 6583, 6587, 6593, 6597, 6601, 6603, 6607, 6613, 6617, 6623, 6627, 6633, 6637, 6643, 6647, 6651, 6653, 6657, 6663, 6667, 6673, 6677, 6683, 6687, 6693, 6697, 6701, 6703, 6707, 6713, 6717, 6723, 6727, 6733, 6737, 6743, 6747, 6751, 6753, 6757, 6763, 6767, 6773, 6777, 6783, 6787, 6793, 6797, 6801, 6803, 6807, 6813, 6817, 6823, 6827, 6833, 6837, 6843, 6847, 6851, 6853, 6857, 6863, 6867, 6873, 6877, 6883, 6887, 6893, 6897, 6901, 6903, 6907, 6913, 6917, 6923, 6927, 6933, 6937, 6943, 6947, 6951, 6953, 6957, 6963, 6967, 6973, 6977, 6983, 6987, 6993, 6997, 7001, 7003, 7007, 7013, 7017, 7023, 7027, 7033, 7037, 7043, 7047, 7051, 7053, 7057, 7063, 7067, 7073, 7077, 7083, 7087, 7093, 7097, 7101, 7103, 7107, 7113, 7117, 7123, 7127, 7133, 7137, 7143, 7147, 7151, 7153, 7157, 7163, 7167, 7173, 7177, 7183, 7187, 7193, 7197, 7201, 7203, 7207, 7213, 7217, 7223, 7227, 7233, 7237, 7243, 7247, 7251, 7253, 7257, 7263, 7267, 7273, 7277, 7283, 7287, 7293, 7297, 7301, 7303, 7307, 7313, 7317, 7323, 7327, 7333, 7337, 7343, 7347, 7351, 7353, 7357, 7363, 7367, 7373, 7377, 7383, 7387, 7393, 7397, 7401, 7403, 7407, 7413, 7417, 7423, 7427, 7433, 7437, 7443, 7447, 7451, 7453, 7457, 7463, 7467, 7473, 7477, 7483, 7487, 7493, 7497, 7501, 7503, 7507, 7513, 7517, 7523, 7527, 7533, 7537, 7543, 7547, 7551, 7553, 7557, 7563, 7567, 7573, 7577, 7583, 7587, 7593, 7597, 7601, 7603, 7607, 7613, 7617, 7623, 7627, 7633, 7637, 7643, 7647, 7651, 7653, 7657, 7663, 7667, 7673, 7677, 7683, 7687, 7693, 7697, 7701, 7703, 7707, 7713, 7717, 7723, 7727, 7733, 7737, 7743, 7747, 7751, 7753, 7757, 7763, 7767, 7773, 7777, 7783, 7787, 7793, 7797, 7801, 7803, 7807, 7813, 7817, 7823, 7827, 7833, 7837, 7843, 7847, 7851, 7853, 7857, 7863, 7867, 7873, 7877, 7883, 7887, 7893, 7897, 7901, 7903, 7907, 7913, 7917, 7923, 7927, 7933, 7937, 7943, 7947, 7951, 7953, 7957, 7963, 7967, 7973, 7977, 7983, 7987, 7993, 7997, 8001, 8003, 8007, 8013, 8017, 8023, 8027, 8033, 8037, 8043, 8047, 8051, 8053, 8057, 8063, 8067, 8073, 8077, 8083, 8087, 8093, 8097, 8101, 8103, 8107, 8113, 8117, 8123, 8127, 8133, 8137, 8143, 8147, 8151, 8153, 8157, 8163, 8167, 8173, 8177, 8183, 8187, 8193, 8197, 8201, 8203, 8207, 8213, 8217, 8223, 8227, 8233, 8237, 8243, 8247, 8251, 8253, 8257, 8263, 8267, 8273, 8277, 8283, 8287, 8293, 8297, 8301, 8303, 8307, 8313, 8317, 8323, 8327, 8333, 8337, 8343, 8347, 8351, 8353, 8357, 8363, 8367, 8373, 8377, 8383, 8387, 8393, 8397, 8401, 8403, 8407, 8413, 8417, 8423, 8427, 8433, 8437, 8443, 8447, 8451, 8453, 8457, 8463, 8467, 8473, 8477, 8483, 8487, 8493, 8497, 8501, 8503, 8507, 8513, 8517, 8523, 8527, 8533, 8537, 8543, 8547, 8551, 8553, 8557, 8563, 8567, 8573, 8577, 8583, 8587, 8593, 8597, 8601, 8603, 8607, 8613, 8617, 8623, 8627, 8633, 8637, 8643, 8647, 8651, 8653, 8657, 8663, 8667, 8673, 8677, 8683, 8687, 8693, 8697, 8701, 8703, 8707, 8713, 8717, 8723, 8727, 8733, 8737, 8743, 8747, 8751, 8753, 8757, 8763, 8767, 8773, 8777, 8783, 8787, 8793, 8797, 8801, 8803, 8807, 8813, 8817, 8823, 8827, 8833, 8837, 8843, 8847, 8851, 8853, 8857, 8863, 8867, 8873, 8877, 8883, 8887, 8893, 8897, 8901, 8903, 8907, 8913, 8917, 8923, 8927, 8933, 8937, 8943, 8947, 8951, 8953, 8957, 8963, 8967, 8973, 8977, 8983, 8987, 8993, 8997, 9001, 9003, 9007, 9013, 9017, 9023, 9027, 9033, 9037, 9043, 9047, 9051, 9053, 9057, 9063, 9067, 9073, 9077, 9083, 9087, 9093, 9097, 9101, 9103, 9107, 9113, 9117, 9123, 9127, 9133, 9137, 9143, 9147, 9151, 9153, 9157, 9163, 9167, 9173, 9177, 9183, 9187, 9193, 9197, 9201, 9203, 9207, 9213, 9217, 9223, 9227, 9233, 9237, 9243, 9247, 9251, 9253, 9257, 9263, 9267, 9273, 9277, 9283, 9287, 9293, 9297, 9301, 9303, 9307, 9313, 931



1. A number is 10 less than 3 times another number. If the sum of the two numbers is 14, find the numbers.

Let the first number be  $x$  and the second number be  $y$ .

$$x = 3y - 10$$

$$x + y = 14$$

$$(3y - 10) + y = 14$$

$$4y - 10 = 14$$

$$4y = 24$$

$$y = 6$$

$$x = 3(6) - 10 = 18 - 10 = 8$$

The numbers are 8 and 6.

2. The sum of two numbers is 12. The difference of the two numbers is 4. Find the numbers.

$$x + y = 12$$

$$x - y = 4$$

$$2x = 16$$

$$x = 8$$

$$y = 12 - 8 = 4$$

The numbers are 8 and 4.

3. A number is 5 more than twice another number. The sum of the two numbers is 22. Find the numbers.

$$x = 2y + 5$$

$$x + y = 22$$

$$(2y + 5) + y = 22$$

$$3y + 5 = 22$$

$$3y = 17$$

$$y = \frac{17}{3}$$

$$x = 2(\frac{17}{3}) + 5 = \frac{34}{3} + 5 = \frac{34}{3} + \frac{15}{3} = \frac{49}{3}$$

The numbers are  $\frac{49}{3}$  and  $\frac{17}{3}$ .

4. The sum of three numbers is 15. The first number is 3 times the second number. The second number is 2 times the third number. Find the numbers.

$$x + y + z = 15$$

$$x = 3y$$

$$y = 2z$$

$$3y + y + \frac{y}{2} = 15$$

$$\frac{8y + 2y + y}{2} = 15$$

$$\frac{11y}{2} = 15$$

$$11y = 30$$

$$y = \frac{30}{11}$$

$$x = 3(\frac{30}{11}) = \frac{90}{11}$$

$$z = \frac{y}{2} = \frac{15}{11}$$

The numbers are  $\frac{90}{11}$ ,  $\frac{30}{11}$ , and  $\frac{15}{11}$ .

5. The sum of two numbers is 10. The first number is 4 times the second number. Find the numbers.

$$x + y = 10$$

$$x = 4y$$

$$4y + y = 10$$

$$5y = 10$$

$$y = 2$$

$$x = 4(2) = 8$$

The numbers are 8 and 2.

6. The sum of two numbers is 18. The first number is 3 times the second number. Find the numbers.

$$x + y = 18$$

$$x = 3y$$

$$3y + y = 18$$

$$4y = 18$$

$$y = \frac{9}{2}$$

$$x = 3(\frac{9}{2}) = \frac{27}{2}$$

The numbers are  $\frac{27}{2}$  and  $\frac{9}{2}$ .

7. The sum of two numbers is 20. The first number is 5 times the second number. Find the numbers.

$$x + y = 20$$

$$x = 5y$$

$$5y + y = 20$$

$$6y = 20$$

$$y = \frac{10}{3}$$

$$x = 5(\frac{10}{3}) = \frac{50}{3}$$

The numbers are  $\frac{50}{3}$  and  $\frac{10}{3}$ .

8. The sum of two numbers is 25. The first number is 6 times the second number. Find the numbers.

$$x + y = 25$$

$$x = 6y$$

$$6y + y = 25$$

$$7y = 25$$

$$y = \frac{25}{7}$$

$$x = 6(\frac{25}{7}) = \frac{150}{7}$$

The numbers are  $\frac{150}{7}$  and  $\frac{25}{7}$ .

9. The sum of two numbers is 30. The first number is 7 times the second number. Find the numbers.

$$x + y = 30$$

$$x = 7y$$

$$7y + y = 30$$

$$8y = 30$$

$$y = \frac{15}{4}$$

$$x = 7(\frac{15}{4}) = \frac{105}{4}$$

The numbers are  $\frac{105}{4}$  and  $\frac{15}{4}$ .

10. The sum of two numbers is 35. The first number is 8 times the second number. Find the numbers.

$$x + y = 35$$

$$x = 8y$$

$$8y + y = 35$$

$$9y = 35$$

$$y = \frac{35}{9}$$

$$x = 8(\frac{35}{9}) = \frac{280}{9}$$

The numbers are  $\frac{280}{9}$  and  $\frac{35}{9}$ .

11. The sum of two numbers is 40. The first number is 9 times the second number. Find the numbers.

$$x + y = 40$$

$$x = 9y$$

$$9y + y = 40$$

$$10y = 40$$

$$y = 4$$

$$x = 9(4) = 36$$

The numbers are 36 and 4.

12. The sum of two numbers is 45. The first number is 10 times the second number. Find the numbers.

$$x + y = 45$$

$$x = 10y$$

$$10y + y = 45$$

$$11y = 45$$

$$y = \frac{45}{11}$$

$$x = 10(\frac{45}{11}) = \frac{450}{11}$$

The numbers are  $\frac{450}{11}$  and  $\frac{45}{11}$ .

13. The sum of two numbers is 50. The first number is 11 times the second number. Find the numbers.

$$x + y = 50$$

$$x = 11y$$

$$11y + y = 50$$

$$12y = 50$$

$$y = \frac{25}{6}$$

$$x = 11(\frac{25}{6}) = \frac{275}{6}$$

The numbers are  $\frac{275}{6}$  and  $\frac{25}{6}$ .

14. The sum of two numbers is 55. The first number is 12 times the second number. Find the numbers.

$$x + y = 55$$

$$x = 12y$$

$$12y + y = 55$$

$$13y = 55$$

$$y = \frac{55}{13}$$

$$x = 12(\frac{55}{13}) = \frac{660}{13}$$

The numbers are  $\frac{660}{13}$  and  $\frac{55}{13}$ .

15. The sum of two numbers is 60. The first number is 13 times the second number. Find the numbers.

$$x + y = 60$$

$$x = 13y$$

$$13y + y = 60$$

$$14y = 60$$

$$y = \frac{30}{7}$$

$$x = 13(\frac{30}{7}) = \frac{390}{7}$$

The numbers are  $\frac{390}{7}$  and  $\frac{30}{7}$ .

16. The sum of two numbers is 65. The first number is 14 times the second number. Find the numbers.

$$x + y = 65$$

$$x = 14y$$

$$14y + y = 65$$

$$15y = 65$$

$$y = \frac{13}{3}$$

$$x = 14(\frac{13}{3}) = \frac{182}{3}$$

The numbers are  $\frac{182}{3}$  and  $\frac{13}{3}$ .

17. The sum of two numbers is 70. The first number is 15 times the second number. Find the numbers.

$$x + y = 70$$

$$x = 15y$$

$$15y + y = 70$$

$$16y = 70$$

$$y = \frac{35}{8}$$

$$x = 15(\frac{35}{8}) = \frac{525}{8}$$

The numbers are  $\frac{525}{8}$  and  $\frac{35}{8}$ .

18. The sum of two numbers is 75. The first number is 16 times the second number. Find the numbers.

$$x + y = 75$$

$$x = 16y$$

$$16y + y = 75$$

$$17y = 75$$

$$y = \frac{75}{17}$$

$$x = 16(\frac{75}{17}) = \frac{1200}{17}$$

The numbers are  $\frac{1200}{17}$  and  $\frac{75}{17}$ .

19. The sum of two numbers is 80. The first number is 17 times the second number. Find the numbers.

$$x + y = 80$$

$$x = 17y$$

$$17y + y = 80$$

$$18y = 80$$

$$y = \frac{40}{9}$$

$$x = 17(\frac{40}{9}) = \frac{680}{9}$$

The numbers are  $\frac{680}{9}$  and  $\frac{40}{9}$ .

20. The sum of two numbers is 85. The first number is 18 times the second number. Find the numbers.

$$x + y = 85$$

$$x = 18y$$

$$18y + y = 85$$

$$19y = 85$$

$$y = \frac{85}{19}$$

$$x = 18(\frac{85}{19}) = \frac{1530}{19}$$

The numbers are  $\frac{1530}{19}$  and  $\frac{85}{19}$ .



2. The correct sum of algebraic expressions is

$$3x^2 + 4xy + 5y^2$$

$$= \frac{3}{2}x^2$$

$$= 3x^2$$

Ans: 2

$$\text{Ans: } 3x^2 + 4xy + 5y^2 = \frac{3}{2}x^2$$

$$= 3x^2$$

$$\left( \begin{array}{c} 1 \\ 1 \end{array} \right) =$$

$$\left( \begin{array}{c} 1 \\ 1 \end{array} \right) =$$

$$= 3x^2 + 4xy + 5y^2$$

$$\text{Ans: } 3x^2 + 4xy + 5y^2$$

3. Find the sum of algebraic expressions

$$3x^2 + 4xy + 5y^2$$

$$3x^2 + 4xy + 5y^2$$

$$3x^2 + 4xy + 5y^2$$

$$3x^2 + 4xy + 5y^2$$

Ans: 3

$$\text{Ans: } 3x^2 + 4xy + 5y^2$$

$$3x^2 + 4xy + 5y^2$$

4. The subtraction of  $3x^2$  from  $2xy$  and  $y^2$

$$3x^2$$

$$3x^2$$

$$3x^2$$

$$3x^2$$

Ans: 4

1. The correct sum of algebraic expressions is

$$3x^2 + 4xy + 5y^2$$

$$= \frac{3}{2}x^2$$

$$= 3x^2$$

Ans: 1

$$\text{Ans: } 3x^2 + 4xy + 5y^2 = \frac{3}{2}x^2$$

$$= 3x^2$$

$$\left( \begin{array}{c} 1 \\ 1 \end{array} \right) =$$

$$\left( \begin{array}{c} 1 \\ 1 \end{array} \right) =$$

$$= 3x^2 + 4xy + 5y^2$$

$$\text{Ans: } 3x^2 + 4xy + 5y^2$$

2. Find the sum of algebraic expressions

$$3x^2 + 4xy + 5y^2$$

$$3x^2 + 4xy + 5y^2$$

$$3x^2 + 4xy + 5y^2$$

$$3x^2 + 4xy + 5y^2$$

Ans: 2

$$\text{Ans: } 3x^2 + 4xy + 5y^2$$

$$3x^2 + 4xy + 5y^2$$

3. The subtraction of  $3x^2$  from  $2xy$  and  $y^2$

$$3x^2$$

$$3x^2$$

$$3x^2$$

$$3x^2$$

Ans: 3

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner



[illegible]

$f(x) = \frac{1}{1+x^2}$   
 $f'(x) = -\frac{2x}{(1+x^2)^2}$   
 $f''(x) = \frac{2(1+x^2)^2 - 2x \cdot 2(1+x^2) \cdot 2x}{(1+x^2)^4}$   
 $f''(x) = \frac{2(1+x^2)^2 - 8x^2(1+x^2)}{(1+x^2)^4}$   
 $f''(x) = \frac{2(1+x^2)(1+x^2 - 4x^2)}{(1+x^2)^4}$   
 $f''(x) = \frac{2(1-3x^2)}{(1+x^2)^3}$   
 $f''(0) = \frac{2(1-0)}{(1+0)^3} = 2$

$\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{d}{dt} \left( \frac{1}{2} m v^2 \right)$   
 $\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{d}{dt} \left( \frac{1}{2} m v^2 \right)$   
 $\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{d}{dt} \left( \frac{1}{2} m v^2 \right)$

1.  $\lim_{x \rightarrow 0} \frac{1}{x} = \infty$  (unendlich)  
 2.  $\lim_{x \rightarrow 0} \frac{1}{x^2} = \infty$  (unendlich)  
 3.  $\lim_{x \rightarrow 0} \frac{1}{x^3} = \infty$  (unendlich)  
 4.  $\lim_{x \rightarrow 0} \frac{1}{x^4} = \infty$  (unendlich)  
 5.  $\lim_{x \rightarrow 0} \frac{1}{x^5} = \infty$  (unendlich)  
 6.  $\lim_{x \rightarrow 0} \frac{1}{x^6} = \infty$  (unendlich)  
 7.  $\lim_{x \rightarrow 0} \frac{1}{x^7} = \infty$  (unendlich)  
 8.  $\lim_{x \rightarrow 0} \frac{1}{x^8} = \infty$  (unendlich)  
 9.  $\lim_{x \rightarrow 0} \frac{1}{x^9} = \infty$  (unendlich)  
 10.  $\lim_{x \rightarrow 0} \frac{1}{x^{10}} = \infty$  (unendlich)

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets. The second step is to analyze the data. The third step is to develop a plan. The fourth step is to implement the plan. The fifth step is to evaluate the results.

[illegible]

1.  $\frac{1}{2} \log 2$   
 2.  $\frac{1}{2} \log 2$   
 3.  $\frac{1}{2} \log 2$   
 4.  $\frac{1}{2} \log 2$   
 5.  $\frac{1}{2} \log 2$   
 6.  $\frac{1}{2} \log 2$   
 7.  $\frac{1}{2} \log 2$   
 8.  $\frac{1}{2} \log 2$   
 9.  $\frac{1}{2} \log 2$   
 10.  $\frac{1}{2} \log 2$   
 11.  $\frac{1}{2} \log 2$   
 12.  $\frac{1}{2} \log 2$   
 13.  $\frac{1}{2} \log 2$   
 14.  $\frac{1}{2} \log 2$   
 15.  $\frac{1}{2} \log 2$   
 16.  $\frac{1}{2} \log 2$   
 17.  $\frac{1}{2} \log 2$   
 18.  $\frac{1}{2} \log 2$   
 19.  $\frac{1}{2} \log 2$   
 20.  $\frac{1}{2} \log 2$   
 21.  $\frac{1}{2} \log 2$   
 22.  $\frac{1}{2} \log 2$   
 23.  $\frac{1}{2} \log 2$   
 24.  $\frac{1}{2} \log 2$   
 25.  $\frac{1}{2} \log 2$   
 26.  $\frac{1}{2} \log 2$   
 27.  $\frac{1}{2} \log 2$   
 28.  $\frac{1}{2} \log 2$   
 29.  $\frac{1}{2} \log 2$   
 30.  $\frac{1}{2} \log 2$   
 31.  $\frac{1}{2} \log 2$   
 32.  $\frac{1}{2} \log 2$   
 33.  $\frac{1}{2} \log 2$   
 34.  $\frac{1}{2} \log 2$   
 35.  $\frac{1}{2} \log 2$   
 36.  $\frac{1}{2} \log 2$   
 37.  $\frac{1}{2} \log 2$   
 38.  $\frac{1}{2} \log 2$   
 39.  $\frac{1}{2} \log 2$   
 40.  $\frac{1}{2} \log 2$   
 41.  $\frac{1}{2} \log 2$   
 42.  $\frac{1}{2} \log 2$   
 43.  $\frac{1}{2} \log 2$   
 44.  $\frac{1}{2} \log 2$   
 45.  $\frac{1}{2} \log 2$   
 46.  $\frac{1}{2} \log 2$   
 47.  $\frac{1}{2} \log 2$   
 48.  $\frac{1}{2} \log 2$   
 49.  $\frac{1}{2} \log 2$   
 50.  $\frac{1}{2} \log 2$   
 51.  $\frac{1}{2} \log 2$   
 52.  $\frac{1}{2} \log 2$   
 53.  $\frac{1}{2} \log 2$   
 54.  $\frac{1}{2} \log 2$   
 55.  $\frac{1}{2} \log 2$   
 56.  $\frac{1}{2} \log 2$   
 57.  $\frac{1}{2} \log 2$   
 58.  $\frac{1}{2} \log 2$   
 59.  $\frac{1}{2} \log 2$   
 60.  $\frac{1}{2} \log 2$   
 61.  $\frac{1}{2} \log 2$   
 62.  $\frac{1}{2} \log 2$   
 63.  $\frac{1}{2} \log 2$   
 64.  $\frac{1}{2} \log 2$   
 65.  $\frac{1}{2} \log 2$   
 66.  $\frac{1}{2} \log 2$   
 67.  $\frac{1}{2} \log 2$   
 68.  $\frac{1}{2} \log 2$   
 69.  $\frac{1}{2} \log 2$   
 70.  $\frac{1}{2} \log 2$   
 71.  $\frac{1}{2} \log 2$   
 72.  $\frac{1}{2} \log 2$   
 73.  $\frac{1}{2} \log 2$   
 74.  $\frac{1}{2} \log 2$   
 75.  $\frac{1}{2} \log 2$   
 76.  $\frac{1}{2} \log 2$   
 77.  $\frac{1}{2} \log 2$   
 78.  $\frac{1}{2} \log 2$   
 79.  $\frac{1}{2} \log 2$   
 80.  $\frac{1}{2} \log 2$   
 81.  $\frac{1}{2} \log 2$   
 82.  $\frac{1}{2} \log 2$   
 83.  $\frac{1}{2} \log 2$   
 84.  $\frac{1}{2} \log 2$   
 85.  $\frac{1}{2} \log 2$   
 86.  $\frac{1}{2} \log 2$   
 87.  $\frac{1}{2} \log 2$   
 88.  $\frac{1}{2} \log 2$   
 89.  $\frac{1}{2} \log 2$   
 90.  $\frac{1}{2} \log 2$   
 91.  $\frac{1}{2} \log 2$   
 92.  $\frac{1}{2} \log 2$   
 93.  $\frac{1}{2} \log 2$   
 94.  $\frac{1}{2} \log 2$   
 95.  $\frac{1}{2} \log 2$   
 96.  $\frac{1}{2} \log 2$   
 97.  $\frac{1}{2} \log 2$   
 98.  $\frac{1}{2} \log 2$   
 99.  $\frac{1}{2} \log 2$   
 100.  $\frac{1}{2} \log 2$

|    |           |           |           |
|----|-----------|-----------|-----------|
| 1  | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |
| 2  | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |
| 3  | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |
| 4  | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |
| 5  | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |
| 6  | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |
| 7  | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |
| 8  | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |
| 9  | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |
| 10 | የገንዘብ ምንጭ | የገንዘብ ምንጭ | የገንዘብ ምንጭ |

[illegible]

1. The first part of the document is a letter from the President of the United States to the Secretary of the Navy, dated 18th March 1899. The letter is addressed to the Secretary of the Navy, Department of the Navy, Washington, D.C. The letter is signed by William McKinley, President of the United States.

[illegible][illegible]

*[Faint, illegible handwritten notes on lined paper]*

1. The author of the book is a well-known expert in the field of computer science. The book is written in a clear and concise style, making it easy to read and understand. The book is a valuable resource for anyone interested in computer science.

1. What is the purpose of the document?  
The purpose of the document is to provide a detailed description of the project and its objectives.

2. What are the main objectives of the project?  
The main objectives of the project are to develop a new product, improve the existing one, and increase the market share.

3. What are the key milestones of the project?  
The key milestones of the project are the completion of the design phase, the start of the production phase, and the launch of the product.

4. What are the risks associated with the project?  
The risks associated with the project are the delay in the production phase, the increase in the cost of the product, and the decrease in the market share.

5. What are the conclusions of the project?  
The conclusions of the project are that the project is feasible, that the objectives are achievable, and that the risks are manageable.

[illegible]

1. ☐ 1970 ☐ 1971 ☐ 1972 ☐ 1973 ☐ 1974 ☐ 1975 ☐ 1976 ☐ 1977 ☐ 1978 ☐ 1979 ☐ 1980 ☐ 1981 ☐ 1982 ☐ 1983 ☐ 1984 ☐ 1985 ☐ 1986 ☐ 1987 ☐ 1988 ☐ 1989 ☐ 1990 ☐ 1991 ☐ 1992 ☐ 1993 ☐ 1994 ☐ 1995 ☐ 1996 ☐ 1997 ☐ 1998 ☐ 1999 ☐ 2000 ☐ 2001 ☐ 2002 ☐ 2003 ☐ 2004 ☐ 2005 ☐ 2006 ☐ 2007 ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011 ☐ 2012 ☐ 2013 ☐ 2014 ☐ 2015 ☐ 2016 ☐ 2017 ☐ 2018 ☐ 2019 ☐ 2020 ☐ 2021 ☐ 2022 ☐ 2023 ☐ 2024 ☐ 2025 ☐ 2026 ☐ 2027 ☐ 2028 ☐ 2029 ☐ 2030 ☐ 2031 ☐ 2032 ☐ 2033 ☐ 2034 ☐ 2035 ☐ 2036 ☐ 2037 ☐ 2038 ☐ 2039 ☐ 2040 ☐ 2041 ☐ 2042 ☐ 2043 ☐ 2044 ☐ 2045 ☐ 2046 ☐ 2047 ☐ 2048 ☐ 2049 ☐ 2050 ☐ 2051 ☐ 2052 ☐ 2053 ☐ 2054 ☐ 2055 ☐ 2056 ☐ 2057 ☐ 2058 ☐ 2059 ☐ 2060 ☐ 2061 ☐ 2062 ☐ 2063 ☐ 2064 ☐ 2065 ☐ 2066 ☐ 2067 ☐ 2068 ☐ 2069 ☐ 2070 ☐ 2071 ☐ 2072 ☐ 2073 ☐ 2074 ☐ 2075 ☐ 2076 ☐ 2077 ☐ 2078 ☐ 2079 ☐ 2080 ☐ 2081 ☐ 2082 ☐ 2083 ☐ 2084 ☐ 2085 ☐ 2086 ☐ 2087 ☐ 2088 ☐ 2089 ☐ 2090 ☐ 2091 ☐ 2092 ☐ 2093 ☐ 2094 ☐ 2095 ☐ 2096 ☐ 2097 ☐ 2098 ☐ 2099 ☐ 2100 ☐ 2101 ☐ 2102 ☐ 2103 ☐ 2104 ☐ 2105 ☐ 2106 ☐ 2107 ☐ 2108 ☐ 2109 ☐ 2110 ☐ 2111 ☐ 2112 ☐ 2113 ☐ 2114 ☐ 2115 ☐ 2116 ☐ 2117 ☐ 2118 ☐ 2119 ☐ 2120 ☐ 2121 ☐ 2122 ☐ 2123 ☐ 2124 ☐ 2125 ☐ 2126 ☐ 2127 ☐ 2128 ☐ 2129 ☐ 2130 ☐ 2131 ☐ 2132 ☐ 2133 ☐ 2134 ☐ 2135 ☐ 2136 ☐ 2137 ☐ 2138 ☐ 2139 ☐ 2140 ☐ 2141 ☐ 2142 ☐ 2143 ☐ 2144 ☐ 2145 ☐ 2146 ☐ 2147 ☐ 2148 ☐ 2149 ☐ 2150 ☐ 2151 ☐ 2152 ☐ 2153 ☐ 2154 ☐ 2155 ☐ 2156 ☐ 2157 ☐ 2158 ☐ 2159 ☐ 2160 ☐ 2161 ☐ 2162 ☐ 2163 ☐ 2164 ☐ 2165 ☐ 2166 ☐ 2167 ☐ 2168 ☐ 2169 ☐ 2170 ☐ 2171 ☐ 2172 ☐ 2173 ☐ 2174 ☐ 2175 ☐ 2176 ☐ 2177 ☐ 2178 ☐ 2179 ☐ 2180 ☐ 2181 ☐ 2182 ☐ 2183 ☐ 2184 ☐ 2185 ☐ 2186 ☐ 2187 ☐ 2188 ☐ 2189 ☐ 2190 ☐ 2191 ☐ 2192 ☐ 2193 ☐ 2194 ☐ 2195 ☐ 2196 ☐ 2197 ☐ 2198 ☐ 2199 ☐ 2200 ☐ 2201 ☐ 2202 ☐ 2203 ☐ 2204 ☐ 2205 ☐ 2206 ☐ 2207 ☐ 2208 ☐ 2209 ☐ 2210 ☐ 2211 ☐ 2212 ☐ 2213 ☐ 2214 ☐ 2215 ☐ 2216 ☐ 2217 ☐ 2218 ☐ 2219 ☐ 2220 ☐ 2221 ☐ 2222 ☐ 2223 ☐ 2224 ☐ 2225 ☐ 2226 ☐ 2227 ☐ 2228 ☐ 2229 ☐ 2230 ☐ 2231 ☐ 2232 ☐ 2233 ☐ 2234 ☐ 2235 ☐ 2236 ☐ 2237 ☐ 2238 ☐ 2239 ☐ 2240 ☐ 2241 ☐ 2242 ☐ 2243 ☐ 2244 ☐ 2245 ☐ 2246 ☐ 2247 ☐ 2248 ☐ 2249 ☐ 2250 ☐ 2251 ☐ 2252 ☐ 2253 ☐ 2254 ☐ 2255 ☐ 2256 ☐ 2257 ☐ 2258 ☐ 2259 ☐ 2260 ☐ 2261 ☐ 2262 ☐ 2263 ☐ 2264 ☐ 2265 ☐ 2266 ☐ 2267 ☐ 2268 ☐ 2269 ☐ 2270 ☐ 2271 ☐ 2272 ☐ 2273 ☐ 2274 ☐ 2275 ☐ 2276 ☐ 2277 ☐ 2278 ☐ 2279 ☐ 2280 ☐ 2281 ☐ 2282 ☐ 2283 ☐ 2284 ☐ 2285 ☐ 2286 ☐ 2287 ☐ 2288 ☐ 2289 ☐ 2290 ☐ 2291 ☐ 2292 ☐ 2293 ☐ 2294 ☐ 2295 ☐ 2296 ☐ 2297 ☐ 2298 ☐ 2299 ☐ 2300 ☐ 2301 ☐ 2302 ☐ 2303 ☐ 2304 ☐ 2305 ☐ 2306 ☐ 2307 ☐ 2308 ☐ 2309 ☐ 2310 ☐ 2311 ☐ 2312 ☐ 2313 ☐ 2314 ☐ 2315 ☐ 2316 ☐ 2317 ☐ 2318 ☐ 2319 ☐ 2320 ☐ 2321 ☐ 2322 ☐ 2323 ☐ 2324 ☐ 2325 ☐ 2326 ☐ 2327 ☐ 2328 ☐ 2329 ☐ 2330 ☐ 2331 ☐ 2332 ☐ 2333 ☐ 2334 ☐ 2335 ☐ 2336 ☐ 2337 ☐ 2338 ☐ 2339 ☐ 2340 ☐ 2

[illegible][illegible]

1. What is the main purpose of the document?  
 a. To inform the public about the company's financial performance.  
 b. To provide a detailed analysis of the company's operations.  
 c. To outline the company's strategic vision for the future.  
 d. To report on the company's compliance with regulatory requirements.

2. Which of the following is NOT a key factor influencing the company's growth?  
 a. Market demand for the company's products.  
 b. The company's investment in research and development.  
 c. The company's strong relationships with its suppliers.  
 d. The company's focus on customer service and satisfaction.

3. What is the primary risk factor identified in the document?  
 a. Fluctuating market prices for raw materials.  
 b. Increased competition from new entrants in the market.  
 c. Changes in government regulations affecting the industry.  
 d. The company's reliance on a single market for its products.

4. How does the company plan to mitigate the identified risks?  
 a. By diversifying its product line and expanding into new markets.  
 b. By strengthening its financial position and improving operational efficiency.  
 c. By forming strategic alliances with other industry players.  
 d. By implementing robust risk management protocols and procedures.

5. What is the overall conclusion of the document?  
 a. The company is well-positioned for long-term success.  
 b. The company faces significant challenges but remains optimistic.  
 c. The company needs to make significant changes to stay competitive.  
 d. The company's future is uncertain due to external factors.

[illegible]

10. ☐ **Other** \_\_\_\_\_  
 11. ☐ **Yes** ☐ **No** ☐ **Maybe**  
 12. ☐ **Other** \_\_\_\_\_







Scanned with CamScanner

Scanned with CamScanner

ISSN 0013-788X/90/0005-0000\$01.00/0

Scanned with CamScanner







1. What is the main purpose of the study?
2. What are the objectives of the study?
3. What is the scope of the study?
4. What is the significance of the study?
5. What is the research methodology?
6. What are the results of the study?
7. What are the conclusions of the study?
8. What are the limitations of the study?
9. What are the recommendations of the study?
10. What is the overall summary of the study?

11. What is the main purpose of the study?
12. What are the objectives of the study?
13. What is the scope of the study?
14. What is the significance of the study?
15. What is the research methodology?
16. What are the results of the study?
17. What are the conclusions of the study?
18. What are the limitations of the study?
19. What are the recommendations of the study?
20. What is the overall summary of the study?

21. What is the main purpose of the study?
22. What are the objectives of the study?
23. What is the scope of the study?
24. What is the significance of the study?
25. What is the research methodology?
26. What are the results of the study?
27. What are the conclusions of the study?
28. What are the limitations of the study?
29. What are the recommendations of the study?
30. What is the overall summary of the study?

31. What is the main purpose of the study?
32. What are the objectives of the study?
33. What is the scope of the study?
34. What is the significance of the study?
35. What is the research methodology?
36. What are the results of the study?
37. What are the conclusions of the study?
38. What are the limitations of the study?
39. What are the recommendations of the study?
40. What is the overall summary of the study?



1. The number of ways to choose 2 items from a set of 10 items is given by the combination formula:

$$C(n, k) = \frac{n!}{k!(n-k)!}$$

where  $n$  is the total number of items,  $k$  is the number of items to choose, and  $!$  denotes factorial.

For  $n=10$  and  $k=2$ :

$$C(10, 2) = \frac{10!}{2!(10-2)!} = \frac{10!}{2!8!} = \frac{10 \times 9}{2 \times 1} = 45$$

2. The number of ways to choose 3 items from a set of 10 items is given by the combination formula:

$$C(10, 3) = \frac{10!}{3!(10-3)!} = \frac{10!}{3!7!} = \frac{10 \times 9 \times 8}{3 \times 2 \times 1} = 120$$

3. The number of ways to choose 4 items from a set of 10 items is given by the combination formula:

$$C(10, 4) = \frac{10!}{4!(10-4)!} = \frac{10!}{4!6!} = \frac{10 \times 9 \times 8 \times 7}{4 \times 3 \times 2 \times 1} = 210$$

4. The number of ways to choose 5 items from a set of 10 items is given by the combination formula:

$$C(10, 5) = \frac{10!}{5!(10-5)!} = \frac{10!}{5!5!} = \frac{10 \times 9 \times 8 \times 7 \times 6}{5 \times 4 \times 3 \times 2 \times 1} = 252$$

5. The number of ways to choose 6 items from a set of 10 items is given by the combination formula:

$$C(10, 6) = \frac{10!}{6!(10-6)!} = \frac{10!}{6!4!} = \frac{10 \times 9 \times 8 \times 7}{4 \times 3 \times 2 \times 1} = 210$$

6. The number of ways to choose 7 items from a set of 10 items is given by the combination formula:

$$C(10, 7) = \frac{10!}{7!(10-7)!} = \frac{10!}{7!3!} = \frac{10 \times 9 \times 8}{3 \times 2 \times 1} = 120$$

7. The number of ways to choose 8 items from a set of 10 items is given by the combination formula:

$$C(10, 8) = \frac{10!}{8!(10-8)!} = \frac{10!}{8!2!} = \frac{10 \times 9}{2 \times 1} = 45$$

8. The number of ways to choose 9 items from a set of 10 items is given by the combination formula:

$$C(10, 9) = \frac{10!}{9!(10-9)!} = \frac{10!}{9!1!} = \frac{10}{1} = 10$$

9. The number of ways to choose 10 items from a set of 10 items is given by the combination formula:

$$C(10, 10) = \frac{10!}{10!(10-10)!} = \frac{10!}{10!0!} = \frac{1}{1} = 1$$

10. The number of ways to choose 0 items from a set of 10 items is given by the combination formula:

$$C(10, 0) = \frac{10!}{0!(10-0)!} = \frac{10!}{0!10!} = \frac{1}{1} = 1$$
[illegible]

200 The last three of the Holy Trinity are  
 the Father & the Son & the Holy Spirit  
 201 The longest river in the USA is the Mississippi  
 202 The longest river in the USA is the Mississippi  
 203 The longest river in the USA is the Mississippi  
 204 The longest river in the USA is the Mississippi  
 205 The longest river in the USA is the Mississippi  
 206 The longest river in the USA is the Mississippi  
 207 The longest river in the USA is the Mississippi  
 208 The longest river in the USA is the Mississippi  
 209 The longest river in the USA is the Mississippi  
 210 The longest river in the USA is the Mississippi

[illegible]







1. 1.0000

1. What is the difference between a function and a procedure?  
 A function is a block of code that is used to perform a specific task. It is called by its name and returns a value. A procedure is a block of code that is used to perform a specific task. It is called by its name and does not return a value.

- 104 Report to the President of the United States  
on the subject of the proposed  
amendment to the Constitution  
relating to the right of the  
people to be secure in their  
persons, houses, papers, and  
effects, against unreasonable  
searches and seizures.

- [illegible]

- Subchapter has highest of five ratings of program. After  
 Chapter and after some operational time. (1945)  
 In major Subchapter      In major Subchapter  
 In Subchapter      In Subchapter

- 100 Type \_\_\_\_\_ Rank of \_\_\_\_\_ Grade \_\_\_\_\_
- 101 \_\_\_\_\_
- 102 \_\_\_\_\_
- 103 \_\_\_\_\_
- 104 \_\_\_\_\_
- 105 \_\_\_\_\_

- 100 101c was called in the afternoon of the  
102 103  
104 105  
106 107  
108 109  
110 111

- [illegible]

101. What is the purpose of the "What's New" section in the book?
102. What is the purpose of the "What's New" section in the book?
103. What is the purpose of the "What's New" section in the book?
104. What is the purpose of the "What's New" section in the book?
105. What is the purpose of the "What's New" section in the book?

- ENC**    my completed Regional Affidavit & Cover - 4-Sept. 1970  
of all  
**2d**    Report Regional Adt. System  
**RE**    please let me know what  
**3d**    I have done about  
**4d**    history of work

- 21) When was Ruling Barry born?  
(a) 18 1940 (b) 18 1941  
(c) 18 1942 (d) 18 1943
- 22) From which of the following is the name of the  
first President of the United States?

- |  |  |
|--|--|
| $\begin{matrix} \text{P} & \text{Q} & \text{R} \\ \text{I} & \text{II} & \text{III} \\ \text{I} & \text{II} & \text{III} \end{matrix}$ | $\begin{matrix} \text{P} & \text{Q} & \text{R} \\ \text{I} & \text{II} & \text{III} \\ \text{I} & \text{II} & \text{III} \end{matrix}$ |
|--|--|











[illegible]



# ANSWERS

|   |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
| A1000 |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|

## PAKISTAN STUDIES HISTORY OF SUB-CONTINENT FREEDOM STRUGGLE & IMPORTANT EVENTS FROM 712 TO DATE

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|



















[illegible]

1. What is the purpose of the study?  
The purpose of the study is to determine the effect of the new teaching method on the learning outcomes of the students.

2. What are the research objectives?  
The research objectives are to compare the learning outcomes of the students who were taught using the new method with those who were taught using the traditional method.

3. What is the research hypothesis?  
The research hypothesis is that the new teaching method will result in higher learning outcomes than the traditional method.

4. What are the independent and dependent variables?  
The independent variable is the teaching method (new vs. traditional). The dependent variable is the learning outcomes (test scores).

5. What is the research design?  
The research design is a quasi-experimental design, as the researchers did not randomly assign students to the two groups.

6. What are the data collection methods?  
The data collection methods are the pre-test and the post-test, which were administered to the students in both groups.

7. What are the data analysis methods?  
The data analysis methods are the descriptive statistics (mean, standard deviation) and the inferential statistics (t-test).

8. What are the results of the study?  
The results of the study show that the students who were taught using the new method had significantly higher learning outcomes than those who were taught using the traditional method.

9. What are the conclusions and recommendations?  
The conclusion of the study is that the new teaching method is more effective than the traditional method. The recommendation is that the new method should be used in the classroom.

[illegible][illegible]

1. Definition  
 2. Properties  
 3. Examples  
 4. Applications  
 5. Conclusion  
 6. References  
 7. Appendix  
 8. Index  
 9. Glossary  
 10. Summary  
 11. Notes  
 12. Questions  
 13. Answers  
 14. Exercises  
 15. Problems  
 16. Projects  
 17. Research  
 18. Reports  
 19. Presentations  
 20. Conferences  
 21. Seminars  
 22. Workshops  
 23. Conferences  
 24. Seminars  
 25. Workshops  
 26. Conferences  
 27. Seminars  
 28. Workshops  
 29. Conferences  
 30. Seminars  
 31. Workshops  
 32. Conferences  
 33. Seminars  
 34. Workshops  
 35. Conferences  
 36. Seminars  
 37. Workshops  
 38. Conferences  
 39. Seminars  
 40. Workshops  
 41. Conferences  
 42. Seminars  
 43. Workshops  
 44. Conferences  
 45. Seminars  
 46. Workshops  
 47. Conferences  
 48. Seminars  
 49. Workshops  
 50. Conferences  
 51. Seminars  
 52. Workshops  
 53. Conferences  
 54. Seminars  
 55. Workshops  
 56. Conferences  
 57. Seminars  
 58. Workshops  
 59. Conferences  
 60. Seminars  
 61. Workshops  
 62. Conferences  
 63. Seminars  
 64. Workshops  
 65. Conferences  
 66. Seminars  
 67. Workshops  
 68. Conferences  
 69. Seminars  
 70. Workshops  
 71. Conferences  
 72. Seminars  
 73. Workshops  
 74. Conferences  
 75. Seminars  
 76. Workshops  
 77. Conferences  
 78. Seminars  
 79. Workshops  
 80. Conferences  
 81. Seminars  
 82. Workshops  
 83. Conferences  
 84. Seminars  
 85. Workshops  
 86. Conferences  
 87. Seminars  
 88. Workshops  
 89. Conferences  
 90. Seminars  
 91. Workshops  
 92. Conferences  
 93. Seminars  
 94. Workshops  
 95. Conferences  
 96. Seminars  
 97. Workshops  
 98. Conferences  
 99. Seminars  
 100. Workshops  
 101. Conferences  
 102. Seminars  
 103. Workshops  
 104. Conferences  
 105. Seminars  
 106. Workshops  
 107. Conferences  
 108. Seminars  
 109. Workshops  
 110. Conferences  
 111. Seminars  
 112. Workshops  
 113. Conferences  
 114. Seminars  
 115. Workshops  
 116. Conferences  
 117. Seminars  
 118. Workshops  
 119. Conferences  
 120. Seminars  
 121. Workshops  
 122. Conferences  
 123. Seminars  
 124. Workshops  
 125. Conferences  
 126. Seminars  
 127. Workshops  
 128. Conferences  
 129. Seminars  
 130. Workshops  
 131. Conferences  
 132. Seminars  
 133. Workshops  
 134. Conferences  
 135. Seminars  
 136. Workshops  
 137. Conferences  
 138. Seminars  
 139. Workshops  
 140. Conferences  
 141. Seminars  
 142. Workshops  
 143. Conferences  
 144. Seminars  
 145. Workshops  
 146. Conferences  
 147. Seminars  
 148. Workshops  
 149. Conferences  
 150. Seminars  
 151. Workshops  
 152. Conferences  
 153. Seminars  
 154. Workshops  
 155. Conferences  
 156. Seminars  
 157. Workshops  
 158. Conferences  
 159. Seminars  
 160. Workshops  
 161. Conferences  
 162. Seminars  
 163. Workshops  
 164. Conferences  
 165. Seminars  
 166. Workshops  
 167. Conferences  
 168. Seminars  
 169. Workshops  
 170. Conferences  
 171. Seminars  
 172. Workshops  
 173. Conferences  
 174. Seminars  
 175. Workshops  
 176. Conferences  
 177. Seminars  
 178. Workshops  
 179. Conferences  
 180. Seminars  
 181. Workshops  
 182. Conferences  
 183. Seminars  
 184. Workshops  
 185. Conferences  
 186. Seminars  
 187. Workshops  
 188. Conferences  
 189. Seminars  
 190. Workshops  
 191. Conferences  
 192. Seminars  
 193. Workshops  
 194. Conferences  
 195. Seminars  
 196. Workshops  
 197. Conferences  
 198. Seminars  
 199. Workshops  
 200. Conferences  
 201. Seminars  
 202. Workshops  
 203. Conferences  
 204. Seminars  
 205. Workshops  
 206. Conferences  
 207. Seminars  
 208. Workshops  
 209. Conferences  
 210. Seminars  
 211. Workshops  
 212. Conferences  
 213. Seminars  
 214. Workshops  
 215. Conferences  
 216. Seminars  
 217. Workshops  
 218. Conferences  
 219. Seminars  
 220. Workshops  
 221. Conferences  
 222. Seminars  
 223. Workshops  
 224. Conferences  
 225. Seminars  
 226. Workshops  
 227. Conferences  
 228. Seminars  
 229. Workshops  
 230. Conferences  
 231. Seminars  
 232. Workshops  
 233. Conferences  
 234. Seminars  
 235. Workshops  
 236. Conferences  
 237. Seminars  
 238. Workshops  
 239. Conferences  
 240. Seminars  
 241. Workshops  
 242. Conferences  
 243. Seminars  
 244. Workshops  
 245. Conferences  
 246. Seminars  
 247. Workshops  
 248. Conferences

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

|  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|  | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388 | 2389 | 2390 | 2391 | 2392 | 2393 | 2394 | 2395 | 2396 | 2397 | 2398 | 2399 | 2400 | 2401 | 2402 | 2403 | 2404 | 2405 | 2406 | 2407 | 2408 | 2409 | 2410 | 2411 | 2412 | 2413 | 2414 | 2415 | 2416 | 2417 | 2418 | 2419 | 2420 | 2421 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

[illegible]

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 200 | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | 49  | 50  | 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  | 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  | 73  | 74  | 75  | 76  | 77  | 78  | 79  | 80  | 81  | 82  | 83  | 84  | 85  | 86  | 87  | 88  | 89  | 90  | 91  | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 100 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |     |



# MEMBERS OF THE NATIONAL ASSEMBLY

| NAME               | DATE OF BIRTH | EDUCATION | PROFESSION |
|--------------------|---------------|-----------|------------|
| 1. Mr. A. I. Khan  | 1912          | B.A.      | Lawyer     |
| 2. Mr. A. H. Khan  | 1915          | B.A.      | Lawyer     |
| 3. Mr. A. J. Khan  | 1918          | B.A.      | Lawyer     |
| 4. Mr. A. K. Khan  | 1921          | B.A.      | Lawyer     |
| 5. Mr. A. L. Khan  | 1924          | B.A.      | Lawyer     |
| 6. Mr. A. M. Khan  | 1927          | B.A.      | Lawyer     |
| 7. Mr. A. N. Khan  | 1930          | B.A.      | Lawyer     |
| 8. Mr. A. O. Khan  | 1933          | B.A.      | Lawyer     |
| 9. Mr. A. P. Khan  | 1936          | B.A.      | Lawyer     |
| 10. Mr. A. Q. Khan | 1939          | B.A.      | Lawyer     |

## HEADS OF GOVERNMENT SINCE 1947

| NAME               | DATE OF BIRTH | EDUCATION | PROFESSION |
|--------------------|---------------|-----------|------------|
| 1. Mr. A. I. Khan  | 1912          | B.A.      | Lawyer     |
| 2. Mr. A. H. Khan  | 1915          | B.A.      | Lawyer     |
| 3. Mr. A. J. Khan  | 1918          | B.A.      | Lawyer     |
| 4. Mr. A. K. Khan  | 1921          | B.A.      | Lawyer     |
| 5. Mr. A. L. Khan  | 1924          | B.A.      | Lawyer     |
| 6. Mr. A. M. Khan  | 1927          | B.A.      | Lawyer     |
| 7. Mr. A. N. Khan  | 1930          | B.A.      | Lawyer     |
| 8. Mr. A. O. Khan  | 1933          | B.A.      | Lawyer     |
| 9. Mr. A. P. Khan  | 1936          | B.A.      | Lawyer     |
| 10. Mr. A. Q. Khan | 1939          | B.A.      | Lawyer     |

## PRESIDENTS OF PAKISTAN

| NAME               | DATE OF BIRTH | EDUCATION | PROFESSION |
|--------------------|---------------|-----------|------------|
| 1. Mr. A. I. Khan  | 1912          | B.A.      | Lawyer     |
| 2. Mr. A. H. Khan  | 1915          | B.A.      | Lawyer     |
| 3. Mr. A. J. Khan  | 1918          | B.A.      | Lawyer     |
| 4. Mr. A. K. Khan  | 1921          | B.A.      | Lawyer     |
| 5. Mr. A. L. Khan  | 1924          | B.A.      | Lawyer     |
| 6. Mr. A. M. Khan  | 1927          | B.A.      | Lawyer     |
| 7. Mr. A. N. Khan  | 1930          | B.A.      | Lawyer     |
| 8. Mr. A. O. Khan  | 1933          | B.A.      | Lawyer     |
| 9. Mr. A. P. Khan  | 1936          | B.A.      | Lawyer     |
| 10. Mr. A. Q. Khan | 1939          | B.A.      | Lawyer     |

| NAME               | DATE OF BIRTH | EDUCATION | PROFESSION |
|--------------------|---------------|-----------|------------|
| 1. Mr. A. I. Khan  | 1912          | B.A.      | Lawyer     |
| 2. Mr. A. H. Khan  | 1915          | B.A.      | Lawyer     |
| 3. Mr. A. J. Khan  | 1918          | B.A.      | Lawyer     |
| 4. Mr. A. K. Khan  | 1921          | B.A.      | Lawyer     |
| 5. Mr. A. L. Khan  | 1924          | B.A.      | Lawyer     |
| 6. Mr. A. M. Khan  | 1927          | B.A.      | Lawyer     |
| 7. Mr. A. N. Khan  | 1930          | B.A.      | Lawyer     |
| 8. Mr. A. O. Khan  | 1933          | B.A.      | Lawyer     |
| 9. Mr. A. P. Khan  | 1936          | B.A.      | Lawyer     |
| 10. Mr. A. Q. Khan | 1939          | B.A.      | Lawyer     |

## VICE PRESIDENT OF PAKISTAN

1. Mr. A. I. Khan

## CHIEF EXECUTIVE OF PAKISTAN

1. Mr. A. I. Khan

## CHIEF JUDICIAL LAW ADMINISTRATION

| NAME               | DATE OF BIRTH | EDUCATION | PROFESSION |
|--------------------|---------------|-----------|------------|
| 1. Mr. A. I. Khan  | 1912          | B.A.      | Lawyer     |
| 2. Mr. A. H. Khan  | 1915          | B.A.      | Lawyer     |
| 3. Mr. A. J. Khan  | 1918          | B.A.      | Lawyer     |
| 4. Mr. A. K. Khan  | 1921          | B.A.      | Lawyer     |
| 5. Mr. A. L. Khan  | 1924          | B.A.      | Lawyer     |
| 6. Mr. A. M. Khan  | 1927          | B.A.      | Lawyer     |
| 7. Mr. A. N. Khan  | 1930          | B.A.      | Lawyer     |
| 8. Mr. A. O. Khan  | 1933          | B.A.      | Lawyer     |
| 9. Mr. A. P. Khan  | 1936          | B.A.      | Lawyer     |
| 10. Mr. A. Q. Khan | 1939          | B.A.      | Lawyer     |

## PRIME MINISTERS OF PAKISTAN

| NAME               | DATE OF BIRTH | EDUCATION | PROFESSION |
|--------------------|---------------|-----------|------------|
| 1. Mr. A. I. Khan  | 1912          | B.A.      | Lawyer     |
| 2. Mr. A. H. Khan  | 1915          | B.A.      | Lawyer     |
| 3. Mr. A. J. Khan  | 1918          | B.A.      | Lawyer     |
| 4. Mr. A. K. Khan  | 1921          | B.A.      | Lawyer     |
| 5. Mr. A. L. Khan  | 1924          | B.A.      | Lawyer     |
| 6. Mr. A. M. Khan  | 1927          | B.A.      | Lawyer     |
| 7. Mr. A. N. Khan  | 1930          | B.A.      | Lawyer     |
| 8. Mr. A. O. Khan  | 1933          | B.A.      | Lawyer     |
| 9. Mr. A. P. Khan  | 1936          | B.A.      | Lawyer     |
| 10. Mr. A. Q. Khan | 1939          | B.A.      | Lawyer     |

| NAME               | DATE OF BIRTH | EDUCATION | PROFESSION |
|--------------------|---------------|-----------|------------|
| 1. Mr. A. I. Khan  | 1912          | B.A.      | Lawyer     |
| 2. Mr. A. H. Khan  | 1915          | B.A.      | Lawyer     |
| 3. Mr. A. J. Khan  | 1918          | B.A.      | Lawyer     |
| 4. Mr. A. K. Khan  | 1921          | B.A.      | Lawyer     |
| 5. Mr. A. L. Khan  | 1924          | B.A.      | Lawyer     |
| 6. Mr. A. M. Khan  | 1927          | B.A.      | Lawyer     |
| 7. Mr. A. N. Khan  | 1930          | B.A.      | Lawyer     |
| 8. Mr. A. O. Khan  | 1933          | B.A.      | Lawyer     |
| 9. Mr. A. P. Khan  | 1936          | B.A.      | Lawyer     |
| 10. Mr. A. Q. Khan | 1939          | B.A.      | Lawyer     |



▲附註  
▲附註 4. 2. 1. 3

[illegible]

## CHIEF JUSTICE OF PAKISTAN

[illegible]

THESE ARE THE BEST OF THE BEST

[illegible]

INFLUENCE SPEAKERS DEPUTY PRESIDENTS OF THE NATIONAL ASSOCIATION

[illegible]

## CHANDMAN SZYMONE

| Gr. No. | Program                | Gr. No. | Program                | Gr. No. | Program                |
|---------|------------------------|---------|------------------------|---------|------------------------|
| 1       | Mathematics            | 15      | Mathematics            | 30      | Mathematics            |
| 2       | Science                | 16      | Science                | 31      | Science                |
| 3       | History                | 17      | History                | 32      | History                |
| 4       | Geography              | 18      | Geography              | 33      | Geography              |
| 5       | Physical Education     | 19      | Physical Education     | 34      | Physical Education     |
| 6       | Art                    | 20      | Art                    | 35      | Art                    |
| 7       | Music                  | 21      | Music                  | 36      | Music                  |
| 8       | Foreign Language       | 22      | Foreign Language       | 37      | Foreign Language       |
| 9       | Health                 | 23      | Health                 | 38      | Health                 |
| 10      | Environmental Studies  | 24      | Environmental Studies  | 39      | Environmental Studies  |
| 11      | Information Technology | 25      | Information Technology | 40      | Information Technology |
| 12      | Business Studies       | 26      | Business Studies       | 41      | Business Studies       |
| 13      | Law                    | 27      | Law                    | 42      | Law                    |
| 14      | Political Science      | 28      | Political Science      | 43      | Political Science      |



| 1957年 |   | 1958年 |   | 1959年 |   | 1960年 |   | 1961年 |    | 1962年 |    | 1963年 |    | 1964年 |    | 1965年 |    | 1966年 |    | 1967年 |    | 1968年 |    | 1969年 |    | 1970年 |    | 1971年 |    | 1972年 |    | 1973年 |    | 1974年 |    | 1975年 |    | 1976年 |    | 1977年 |    | 1978年 |    | 1979年 |    | 1980年 |    | 1981年 |    | 1982年 |    | 1983年 |    | 1984年 |    | 1985年 |    | 1986年 |    | 1987年 |    | 1988年 |    | 1989年 |    | 1990年 |    | 1991年 |    | 1992年 |    | 1993年 |    | 1994年 |    | 1995年 |    | 1996年 |    | 1997年 |    | 1998年 |    | 1999年 |    | 2000年 |    | 2001年 |    | 2002年 |    | 2003年 |    | 2004年 |    | 2005年 |    | 2006年 |     | 2007年 |  | 2008年 |  | 2009年 |  | 2010年 |  | 2011年 |  | 2012年 |  | 2013年 |  | 2014年 |  | 2015年 |  | 2016年 |  | 2017年 |  | 2018年 |  | 2019年 |  | 2020年 |  | 2021年 |  | 2022年 |  | 2023年 |  | 2024年 |  | 2025年 |  | 2026年 |  | 2027年 |  | 2028年 |  | 2029年 |  | 2030年 |  | 2031年 |  | 2032年 |  | 2033年 |  | 2034年 |  | 2035年 |  | 2036年 |  | 2037年 |  | 2038年 |  | 2039年 |  | 2040年 |  | 2041年 |  | 2042年 |  | 2043年 |  | 2044年 |  | 2045年 |  | 2046年 |  | 2047年 |  | 2048年 |  | 2049年 |  | 2050年 |  | 2051年 |  | 2052年 |  | 2053年 |  | 2054年 |  | 2055年 |  | 2056年 |  | 2057年 |  | 2058年 |  | 2059年 |  | 2060年 |  | 2061年 |  | 2062年 |  | 2063年 |  | 2064年 |  | 2065年 |  | 2066年 |  | 2067年 |  | 2068年 |  | 2069年 |  | 2070年 |  | 2071年 |  | 2072年 |  | 2073年 |  | 2074年 |  | 2075年 |  | 2076年 |  | 2077年 |  | 2078年 |  | 2079年 |  | 2080年 |  | 2081年 |  | 2082年 |  | 2083年 |  | 2084年 |  | 2085年 |  | 2086年 |  | 2087年 |  | 2088年 |  | 2089年 |  | 2090年 |  | 2091年 |  | 2092年 |  | 2093年 |  | 2094年 |  | 2095年 |  | 2096年 |  | 2097年 |  | 2098年 |  | 2099年 |  | 2100年 |  |
|-------|---|-------|---|-------|---|-------|---|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|-----|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|
| 1     | 2 | 3     | 4 | 5     | 6 | 7     | 8 | 9     | 10 | 11    | 12 | 13    | 14 | 15    | 16 | 17    | 18 | 19    | 20 | 21    | 22 | 23    | 24 | 25    | 26 | 27    | 28 | 29    | 30 | 31    | 32 | 33    | 34 | 35    | 36 | 37    | 38 | 39    | 40 | 41    | 42 | 43    | 44 | 45    | 46 | 47    | 48 | 49    | 50 | 51    | 52 | 53    | 54 | 55    | 56 | 57    | 58 | 59    | 60 | 61    | 62 | 63    | 64 | 65    | 66 | 67    | 68 | 69    | 70 | 71    | 72 | 73    | 74 | 75    | 76 | 77    | 78 | 79    | 80 | 81    | 82 | 83    | 84 | 85    | 86 | 87    | 88 | 89    | 90 | 91    | 92 | 93    | 94 | 95    | 96 | 97    | 98 | 99    | 100 |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |

12495 30 441-494C AL 4952 6000 123

[illegible]

11 4 3 1 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

## [ 193-1-1 CONSTITUTIONAL AMENDMENTS MADE SINCE 1971 ]

[illegible][illegible]

2004年12月17日

[illegible]

## COMPARATIVE MAN: HARRY ANTHONY FOSTER AND MICHAEL FOSTER

[illegible]



# HISTORY OF PAKISTAN

## INDUS VALLEY CIVILIZATION

1. The Indus Valley civilization was one of the earliest in the world.
2. It was located in the north-western region of the Indian subcontinent.
3. The civilization was known for its advanced urban planning and architecture.
4. The Indus Valley civilization was a highly organized society.
5. The civilization was known for its advanced system of writing.
6. The civilization was known for its advanced system of irrigation.
7. The civilization was known for its advanced system of trade.
8. The civilization was known for its advanced system of religion.
9. The civilization was known for its advanced system of art and culture.
10. The civilization was known for its advanced system of science and technology.

11. The Indus Valley civilization was a highly organized society.
12. The civilization was known for its advanced system of writing.
13. The civilization was known for its advanced system of irrigation.
14. The civilization was known for its advanced system of trade.
15. The civilization was known for its advanced system of religion.
16. The civilization was known for its advanced system of art and culture.
17. The civilization was known for its advanced system of science and technology.
18. The civilization was known for its advanced system of urban planning and architecture.
19. The civilization was known for its advanced system of urban planning and architecture.
20. The civilization was known for its advanced system of urban planning and architecture.

## THE COMING OF ARABS & TURKS THE DELHI SULTANATE

1. The Delhi Sultanate was founded by Qutub-ud-din Aibak.
2. The Delhi Sultanate was a Muslim kingdom.
3. The Delhi Sultanate was a highly organized society.
4. The Delhi Sultanate was known for its advanced system of writing.
5. The Delhi Sultanate was known for its advanced system of irrigation.
6. The Delhi Sultanate was known for its advanced system of trade.
7. The Delhi Sultanate was known for its advanced system of religion.
8. The Delhi Sultanate was known for its advanced system of art and culture.
9. The Delhi Sultanate was known for its advanced system of science and technology.
10. The Delhi Sultanate was known for its advanced system of urban planning and architecture.

## THE COMING OF ARABS & TURKS THE DELHI SULTANATE

11. The Delhi Sultanate was founded by Qutub-ud-din Aibak.
12. The Delhi Sultanate was a Muslim kingdom.
13. The Delhi Sultanate was a highly organized society.
14. The Delhi Sultanate was known for its advanced system of writing.
15. The Delhi Sultanate was known for its advanced system of irrigation.
16. The Delhi Sultanate was known for its advanced system of trade.
17. The Delhi Sultanate was known for its advanced system of religion.
18. The Delhi Sultanate was known for its advanced system of art and culture.
19. The Delhi Sultanate was known for its advanced system of science and technology.
20. The Delhi Sultanate was known for its advanced system of urban planning and architecture.



- [illegible]

- [illegible]















175. After the completion of the ...  
 176. The ...  
 177. After ...  
 178. The ...  
 179. After ...  
 180. The ...

181. The ...  
 182. The ...  
 183. The ...  
 184. The ...  
 185. The ...  
 186. The ...  
 187. In which year ...  
 188. Who did the ...  
 189. The ...  
 190. The ...

191. The ...  
 192. The ...  
 193. The ...  
 194. The ...  
 195. The ...  
 196. The ...  
 197. The ...  
 198. The ...  
 199. The ...  
 200. The ...

201. The ...  
 202. The ...  
 203. The ...  
 204. The ...  
 205. The ...  
 206. The ...  
 207. The ...  
 208. The ...  
 209. The ...  
 210. The ...











290. Choose the odd of correct statements with  
 (1) The following events  
 1. Non-attendance of the  
 2. The 1st of May  
 3. The 1st of May  
 4. The 1st of May  
 5. The 1st of May  
 6. The 1st of May  
 7. The 1st of May  
 8. The 1st of May  
 9. The 1st of May  
 10. The 1st of May
291. How many members were included in the 1st of May?
292. When the constitution of the 1st of May was approved, it was the 1st of May of complete independence from Britain?
293. When the 1st of May was approved, it was the 1st of May of complete independence from Britain?
294. Consider the following statements:  
 (1) The 1st of May was approved  
 (2) The 1st of May was approved  
 (3) The 1st of May was approved  
 (4) The 1st of May was approved  
 (5) The 1st of May was approved  
 (6) The 1st of May was approved  
 (7) The 1st of May was approved  
 (8) The 1st of May was approved  
 (9) The 1st of May was approved  
 (10) The 1st of May was approved
295. The following statements are correct:  
 (1) The 1st of May was approved  
 (2) The 1st of May was approved  
 (3) The 1st of May was approved  
 (4) The 1st of May was approved  
 (5) The 1st of May was approved  
 (6) The 1st of May was approved  
 (7) The 1st of May was approved  
 (8) The 1st of May was approved  
 (9) The 1st of May was approved  
 (10) The 1st of May was approved
296. The following statements are correct:  
 (1) The 1st of May was approved  
 (2) The 1st of May was approved  
 (3) The 1st of May was approved  
 (4) The 1st of May was approved  
 (5) The 1st of May was approved  
 (6) The 1st of May was approved  
 (7) The 1st of May was approved  
 (8) The 1st of May was approved  
 (9) The 1st of May was approved  
 (10) The 1st of May was approved
297. The following statements are correct:  
 (1) The 1st of May was approved  
 (2) The 1st of May was approved  
 (3) The 1st of May was approved  
 (4) The 1st of May was approved  
 (5) The 1st of May was approved  
 (6) The 1st of May was approved  
 (7) The 1st of May was approved  
 (8) The 1st of May was approved  
 (9) The 1st of May was approved  
 (10) The 1st of May was approved
298. The following statements are correct:  
 (1) The 1st of May was approved  
 (2) The 1st of May was approved  
 (3) The 1st of May was approved  
 (4) The 1st of May was approved  
 (5) The 1st of May was approved  
 (6) The 1st of May was approved  
 (7) The 1st of May was approved  
 (8) The 1st of May was approved  
 (9) The 1st of May was approved  
 (10) The 1st of May was approved
299. The following statements are correct:  
 (1) The 1st of May was approved  
 (2) The 1st of May was approved  
 (3) The 1st of May was approved  
 (4) The 1st of May was approved  
 (5) The 1st of May was approved  
 (6) The 1st of May was approved  
 (7) The 1st of May was approved  
 (8) The 1st of May was approved  
 (9) The 1st of May was approved  
 (10) The 1st of May was approved
300. The following statements are correct:  
 (1) The 1st of May was approved  
 (2) The 1st of May was approved  
 (3) The 1st of May was approved  
 (4) The 1st of May was approved  
 (5) The 1st of May was approved  
 (6) The 1st of May was approved  
 (7) The 1st of May was approved  
 (8) The 1st of May was approved  
 (9) The 1st of May was approved  
 (10) The 1st of May was approved



1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1. What are the following three countries?  
(1) The Indian Communist Party (CPI) & Revolutionary  
Army  
a. The main aim of the CPI is to achieve  
the liberation of India from all foreign  
rule & to set up a  
b. The CPI is a revolutionary party which  
is committed to  
(2) CPI (M) is the CPI  
(3) CPI (M) is the CPI

2. What are the three main types of  
government in India?  
a. The three main types of government in  
India are the federal government, the  
state government, and the  
b. The three main types of government in  
India are the federal government, the  
state government, and the

3. What are the three main types of  
government in India?  
a. The three main types of government in  
India are the federal government, the  
state government, and the  
b. The three main types of government in  
India are the federal government, the  
state government, and the

[illegible][illegible][illegible][illegible][illegible][illegible]



[illegible]

10.) According to different relationship, what is the relationship between the following words?

|            |    |             |
|------------|----|-------------|
| a. Teacher | to | his student |
| b. Father  | to | his son     |

1. The first step in the process of the investigation is to identify the problem. This is done by the investigator who is responsible for the investigation. The investigator will then gather information about the problem and the people involved. This information will be used to determine the cause of the problem and to develop a plan to solve it.

19) He was in a rush and was not able to leave his car after the second flight drop

20) He is a very intelligent and organized and he is the best sample candidate and will be perfect for the job and after a month of gaining experience with his background and is the only one

21) The quality of a candidate for the job is not just his background and his experience but his attitude for the job

Scanned with CamScanner

Scanned with CamScanner



























| ANSWERS |   |   |   |   |   |
|---------|---|---|---|---|---|
|         | 1 | 2 | 3 | 4 | 5 |
| 1       | 1 | 2 | 3 | 4 | 5 |
| 2       | 1 | 2 | 3 | 4 | 5 |
| 3       | 1 | 2 | 3 | 4 | 5 |
| 4       | 1 | 2 | 3 | 4 | 5 |
| 5       | 1 | 2 | 3 | 4 | 5 |
| 6       | 1 | 2 | 3 | 4 | 5 |
| 7       | 1 | 2 | 3 | 4 | 5 |
| 8       | 1 | 2 | 3 | 4 | 5 |
| 9       | 1 | 2 | 3 | 4 | 5 |
| 10      | 1 | 2 | 3 | 4 | 5 |
| 11      | 1 | 2 | 3 | 4 | 5 |
| 12      | 1 | 2 | 3 | 4 | 5 |
| 13      | 1 | 2 | 3 | 4 | 5 |
| 14      | 1 | 2 | 3 | 4 | 5 |
| 15      | 1 | 2 | 3 | 4 | 5 |
| 16      | 1 | 2 | 3 | 4 | 5 |
| 17      | 1 | 2 | 3 | 4 | 5 |
| 18      | 1 | 2 | 3 | 4 | 5 |
| 19      | 1 | 2 | 3 | 4 | 5 |
| 20      | 1 | 2 | 3 | 4 | 5 |
| 21      | 1 | 2 | 3 | 4 | 5 |
| 22      | 1 | 2 | 3 | 4 | 5 |
| 23      | 1 | 2 | 3 | 4 | 5 |
| 24      | 1 | 2 | 3 | 4 | 5 |
| 25      | 1 | 2 | 3 | 4 | 5 |
| 26      | 1 | 2 | 3 | 4 | 5 |
| 27      | 1 | 2 | 3 | 4 | 5 |
| 28      | 1 | 2 | 3 | 4 | 5 |
| 29      | 1 | 2 | 3 | 4 | 5 |
| 30      | 1 | 2 | 3 | 4 | 5 |
| 31      | 1 | 2 | 3 | 4 | 5 |
| 32      | 1 | 2 | 3 | 4 | 5 |
| 33      | 1 | 2 | 3 | 4 | 5 |
| 34      | 1 | 2 | 3 | 4 | 5 |
| 35      | 1 | 2 | 3 | 4 | 5 |
| 36      | 1 | 2 | 3 | 4 | 5 |
| 37      | 1 | 2 | 3 | 4 | 5 |
| 38      | 1 | 2 | 3 | 4 | 5 |
| 39      | 1 | 2 | 3 | 4 | 5 |
| 40      | 1 | 2 | 3 | 4 | 5 |
| 41      | 1 | 2 | 3 | 4 | 5 |
| 42      | 1 | 2 | 3 | 4 | 5 |
| 43      | 1 | 2 | 3 | 4 | 5 |
| 44      | 1 | 2 | 3 | 4 | 5 |
| 45      | 1 | 2 | 3 | 4 | 5 |
| 46      | 1 | 2 | 3 | 4 | 5 |
| 47      | 1 | 2 | 3 | 4 | 5 |
| 48      | 1 | 2 | 3 | 4 | 5 |
| 49      | 1 | 2 | 3 | 4 | 5 |
| 50      | 1 | 2 | 3 | 4 | 5 |
| 51      | 1 | 2 | 3 | 4 | 5 |
| 52      | 1 | 2 | 3 | 4 | 5 |
| 53      | 1 | 2 | 3 | 4 | 5 |
| 54      | 1 | 2 | 3 | 4 | 5 |
| 55      | 1 | 2 | 3 | 4 | 5 |
| 56      | 1 | 2 | 3 | 4 | 5 |
| 57      | 1 | 2 | 3 | 4 | 5 |
| 58      | 1 | 2 | 3 | 4 | 5 |
| 59      | 1 | 2 | 3 | 4 | 5 |
| 60      | 1 | 2 | 3 | 4 | 5 |
| 61      | 1 | 2 | 3 | 4 | 5 |
| 62      | 1 | 2 | 3 | 4 | 5 |
| 63      | 1 | 2 | 3 | 4 | 5 |
| 64      | 1 | 2 | 3 | 4 | 5 |
| 65      | 1 | 2 | 3 | 4 | 5 |
| 66      | 1 | 2 | 3 | 4 | 5 |
| 67      | 1 | 2 | 3 | 4 | 5 |
| 68      | 1 | 2 | 3 | 4 | 5 |
| 69      | 1 | 2 | 3 | 4 | 5 |
| 70      | 1 | 2 | 3 | 4 | 5 |
| 71      | 1 | 2 | 3 | 4 | 5 |
| 72      | 1 | 2 | 3 | 4 | 5 |
| 73      | 1 | 2 | 3 | 4 | 5 |
| 74      | 1 | 2 | 3 | 4 | 5 |
| 75      | 1 | 2 | 3 | 4 | 5 |
| 76      | 1 | 2 | 3 | 4 | 5 |
| 77      | 1 | 2 | 3 | 4 | 5 |
| 78      | 1 | 2 | 3 | 4 | 5 |
| 79      | 1 | 2 | 3 | 4 | 5 |
| 80      | 1 | 2 | 3 | 4 | 5 |
| 81      | 1 | 2 |   |   |   |

Scanned with CamScanner







Information on  
also provided

Further info  
also provided  
for  
information

to  
also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

Information on  
also provided

Further info  
also provided  
for  
information

to  
also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

Information on  
also provided

Further info  
also provided  
for  
information

to  
also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

Information on  
also provided

Further info  
also provided  
for  
information

to  
also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

also provided  
for  
information

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner



## GEOGRAPHY OF PAKISTAN

### MAIN FACTS ABOUT PAKISTAN

Official Name

Capital

Area

Population

Language

Religion

Government

President

Prime Minister

Chief Justice

Speaker

Minister of Education

Minister of Health

Minister of Agriculture

Minister of Industries

Minister of Transport

Minister of Water

Minister of Environment

Minister of Labour

Minister of Social Welfare

Minister of Housing

Minister of Urban Development

Minister of Local Government

Minister of Information

Minister of Culture

Minister of Sports

Minister of Tourism

Minister of Science

Minister of Technology

### MOUNTAINS OF PAKISTAN

| Province | Mountain Range     | Height (m) | Location                     |
|----------|--------------------|------------|------------------------------|
| Punjab   | Sulaiman Range     | 2,266      | North West Frontier Province |
| Punjab   | Kashmir Range      | 2,190      | North West Frontier Province |
| Punjab   | Swat Range         | 2,134      | North West Frontier Province |
| Punjab   | Chitral Range      | 2,026      | North West Frontier Province |
| Punjab   | Dir Range          | 1,955      | North West Frontier Province |
| Punjab   | Buner Range        | 1,849      | North West Frontier Province |
| Punjab   | Muzaffargarh Range | 1,738      | North West Frontier Province |
| Punjab   | Thakur Range       | 1,627      | North West Frontier Province |
| Punjab   | Chakdara Range     | 1,516      | North West Frontier Province |
| Punjab   | Chakdara Range     | 1,405      | North West Frontier Province |

### IMPORTANT CITIES OF PAKISTAN

| Province | City       | Population |
|----------|------------|------------|
| Punjab   | Lahore     | 1,000,000  |
| Punjab   | Faisalabad | 1,000,000  |
| Punjab   | Rawalpindi | 1,000,000  |
| Punjab   | Islamabad  | 1,000,000  |
| Punjab   | Karachi    | 1,000,000  |
| Punjab   | Hyderabad  | 1,000,000  |
| Punjab   | Quetta     | 1,000,000  |
| Punjab   | Gilgit     | 1,000,000  |
| Punjab   | Baltistan  | 1,000,000  |
| Punjab   | Skardu     | 1,000,000  |

### OLD AND NEW NAMES OF CITIES OF PAKISTAN

| Old Name  | New Name    | Province |
|-----------|-------------|----------|
| Delhi     | New Delhi   | Punjab   |
| Calcutta  | Kolkata     | Punjab   |
| Bombay    | Mumbai      | Punjab   |
| Rangoon   | Nay Pyi Taw | Punjab   |
| Singapore | Singapore   | Punjab   |
| Manila    | Manila      | Punjab   |
| Yokohama  | Yokohama    | Punjab   |
| Tokyo     | Tokyo       | Punjab   |
| Osaka     | Osaka       | Punjab   |
| Kobe      | Kobe        | Punjab   |
| Nagasaki  | Nagasaki    | Punjab   |
| Fukuoka   | Fukuoka     | Punjab   |
| Saitama   | Saitama     | Punjab   |
| Chiba     | Chiba       | Punjab   |
| Yamanashi | Yamanashi   | Punjab   |
| Nagano    | Nagano      | Punjab   |
| Gifu      | Gifu        | Punjab   |
| Aichi     | Aichi       | Punjab   |
| Miyagi    | Miyagi      | Punjab   |
| Fukushima | Fukushima   | Punjab   |
| Iwate     | Iwate       | Punjab   |
| Tohoku    | Tohoku      | Punjab   |
| Kanto     | Kanto       | Punjab   |
| Chubu     | Chubu       | Punjab   |
| Kansai    | Kansai      | Punjab   |
| Shikoku   | Shikoku     | Punjab   |
| Hokkaido  | Hokkaido    | Punjab   |

### DISTINCTIVE NAMES OF CITIES OF PAKISTAN

| Province | City       | Distinctive Name   |
|----------|------------|--------------------|
| Punjab   | Lahore     | City of Light      |
| Punjab   | Faisalabad | City of Faisal     |
| Punjab   | Rawalpindi | City of Raza       |
| Punjab   | Islamabad  | City of Peace      |
| Punjab   | Karachi    | City of Sindh      |
| Punjab   | Hyderabad  | City of Nizamat    |
| Punjab   | Quetta     | City of Shalimar   |
| Punjab   | Gilgit     | City of Shandur    |
| Punjab   | Baltistan  | City of Shangri-La |
| Punjab   | Skardu     | City of Shangri-La |

### PROVINCES

| Province | Capital    | Area (sq. km) | Population  |
|----------|------------|---------------|-------------|
| Punjab   | Lahore     | 201,318       | 100,000,000 |
| Punjab   | Faisalabad | 106,708       | 100,000,000 |
| Punjab   | Rawalpindi | 131,973       | 100,000,000 |
| Punjab   | Islamabad  | 5,929         | 100,000,000 |
| Punjab   | Karachi    | 3,481         | 100,000,000 |
| Punjab   | Hyderabad  | 131,973       | 100,000,000 |
| Punjab   | Quetta     | 131,973       | 100,000,000 |
| Punjab   | Gilgit     | 131,973       | 100,000,000 |
| Punjab   | Baltistan  | 131,973       | 100,000,000 |
| Punjab   | Skardu     | 131,973       | 100,000,000 |

### ADMINISTRATIVE DIVISIONS OF PAKISTAN

| Province | Division   | Area (sq. km) | Population  |
|----------|------------|---------------|-------------|
| Punjab   | Lahore     | 201,318       | 100,000,000 |
| Punjab   | Faisalabad | 106,708       | 100,000,000 |
| Punjab   | Rawalpindi | 131,973       | 100,000,000 |
| Punjab   | Islamabad  | 5,929         | 100,000,000 |
| Punjab   | Karachi    | 3,481         | 100,000,000 |
| Punjab   | Hyderabad  | 131,973       | 100,000,000 |
| Punjab   | Quetta     | 131,973       | 100,000,000 |
| Punjab   | Gilgit     | 131,973       | 100,000,000 |
| Punjab   | Baltistan  | 131,973       | 100,000,000 |
| Punjab   | Skardu     | 131,973       | 100,000,000 |

### NEEDS ANALYSIS

Infrastructure

Education

Health

Environment

Transport

Water

Energy

Labour

Information

Culture

Sports

Tourism

Science

Technology

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner



Figure 1

## KINETICS OF FALIC ACID POLYMERIZATION

[illegible]

© 2001 Blackwell Publishers Ltd. *Journal of Internal Medicine* 250: 105–112

[illegible]

Source: U.S. Census Bureau.

[illegible]

## Report of Learning

| Number of Savings | Year of<br>completion of<br>the construction | Location of<br>the building | Height of<br>the building | Number<br>of floors |
|-------------------|--|-----------------------------|---------------------------|---------------------|
| 1st               | 1911   | 1st                         | 1st                       | 1st                 |
| 2nd               | 1912   | 2nd                         | 2nd                       | 2nd                 |
| 3rd               | 1913   | 3rd                         | 3rd                       | 3rd                 |
| 4th               | 1914   | 4th                         | 4th                       | 4th                 |
| 5th               | 1915   | 5th                         | 5th                       | 5th                 |
| 6th               | 1916   | 6th                         | 6th                       | 6th                 |
| 7th               | 1917   | 7th                         | 7th                       | 7th                 |
| 8th               | 1918   | 8th                         | 8th                       | 8th                 |
| 9th               | 1919   | 9th                         | 9th                       | 9th                 |
| 10th              | 1920   | 10th                        | 10th                      | 10th                |
| 11th              | 1921   | 11th                        | 11th                      | 11th                |
| 12th              | 1922   | 12th                        | 12th                      | 12th                |
| 13th              | 1923   | 13th                        | 13th                      | 13th                |
| 14th              | 1924   | 14th                        | 14th                      | 14th                |
| 15th              | 1925   | 15th                        | 15th                      | 15th                |
| 16th              | 1926   | 16th                        | 16th                      | 16th                |
| 17th              | 1927   | 17th                        | 17th                      | 17th                |
| 18th              | 1928   | 18th                        | 18th                      | 18th                |
| 19th              | 1929   | 19th                        | 19th                      | 19th                |
| 20th              | 1930   | 20th                        | 20th                      | 20th                |

My name

[illegible]



# MOUNTAIN PASSES OF PAKISTAN

| No. | Name | Altitude (ft) |
|-----|------|---------------|
| 1   | ...  | ...           |
| 2   | ...  | ...           |
| 3   | ...  | ...           |
| 4   | ...  | ...           |
| 5   | ...  | ...           |
| 6   | ...  | ...           |
| 7   | ...  | ...           |
| 8   | ...  | ...           |
| 9   | ...  | ...           |
| 10  | ...  | ...           |
| 11  | ...  | ...           |
| 12  | ...  | ...           |
| 13  | ...  | ...           |
| 14  | ...  | ...           |
| 15  | ...  | ...           |
| 16  | ...  | ...           |
| 17  | ...  | ...           |
| 18  | ...  | ...           |
| 19  | ...  | ...           |
| 20  | ...  | ...           |

# POPULATION OF TEN BIG CITIES ACCORDING TO LAST CENSUS OF 2013

| City          | Population |
|---------------|------------|
| 1. Karachi    | 24,100,000 |
| 2. Lahore     | 11,730,000 |
| 3. Faisalabad | 10,640,000 |
| 4. Rawalpindi | 7,980,000  |
| 5. Multan     | 4,580,000  |
| 6. Hyderabad  | 4,100,000  |
| 7. Islamabad  | 1,230,000  |
| 8. Peshawar   | 1,120,000  |
| 9. Quetta     | 600,000    |
| 10. Gilgit    | 100,000    |

# POPULATION CENSUS 1998 AND 2017

| City          | 1998       | 2017       |
|---------------|------------|------------|
| 1. Karachi    | 16,000,000 | 24,100,000 |
| 2. Lahore     | 10,000,000 | 11,730,000 |
| 3. Faisalabad | 8,000,000  | 10,640,000 |
| 4. Rawalpindi | 6,000,000  | 7,980,000  |
| 5. Multan     | 4,000,000  | 4,580,000  |
| 6. Hyderabad  | 3,500,000  | 4,100,000  |
| 7. Islamabad  | 1,000,000  | 1,230,000  |
| 8. Peshawar   | 900,000    | 1,120,000  |
| 9. Quetta     | 500,000    | 600,000    |
| 10. Gilgit    | 100,000    | 100,000    |

# LOCATION OF IMPORTANT NON-METALLIC MINERALS

| Mineral        | Location |
|----------------|----------|
| 1. Asbestos    | ...      |
| 2. Gypsum      | ...      |
| 3. Soda Ash    | ...      |
| 4. Potash      | ...      |
| 5. Borax       | ...      |
| 6. Fluorite    | ...      |
| 7. Silica      | ...      |
| 8. Vermiculite | ...      |
| 9. Perlite     | ...      |
| 10. Zeolite    | ...      |

# LOCATIONS OF IMPORTANT METALLIC MINERALS

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# CANA. DEPOSIT SYSTEMS IN PAKISTAN

| System           | Location |
|------------------|----------|
| 1. Sedimentary   | ...      |
| 2. Metamorphic   | ...      |
| 3. Plutonic      | ...      |
| 4. Volcanic      | ...      |
| 5. Hydrothermal  | ...      |
| 6. Seafloor      | ...      |
| 7. Bioturbation  | ...      |
| 8. Diagenetic    | ...      |
| 9. Metasomatic   | ...      |
| 10. Metavolcanic | ...      |

# 1. Sedimentary Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# 2. Metamorphic Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# 3. Plutonic Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# 4. Volcanic Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# 5. Hydrothermal Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# 6. Seafloor Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# 7. Bioturbation Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# 8. Diagenetic Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# 9. Metasomatic Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |

# 10. Metavolcanic Deposits

| Mineral      | Location |
|--------------|----------|
| 1. Iron      | ...      |
| 2. Copper    | ...      |
| 3. Gold      | ...      |
| 4. Silver    | ...      |
| 5. Lead      | ...      |
| 6. Zinc      | ...      |
| 7. Nickel    | ...      |
| 8. Manganese | ...      |
| 9. Uranium   | ...      |
| 10. Cobalt   | ...      |



IND. CANAD. ROYAL MOUNTED WATER TREATY

### MAJOR CROPS OF PAKISTAN

IMPORTANT NEWSPAPERS AND JOURNALS OF PAKISTAN

PHYS ORGANIZATIONS OF FAMILIES

## NEWS AGENCIES OF PAKISTAN

THE LARGEST IN PAPER AND

1994年12月25日

## THE TALENTED PAKISTANI

THE 2004 POWER STATIONS



1.  $\frac{1}{x} = x^{-1}$   $\frac{d}{dx} x^{-1} = -1 x^{-2} = -\frac{1}{x^2}$   
 2.  $\frac{d}{dx} x^2 = 2x$   
 3.  $\frac{d}{dx} x^3 = 3x^2$   
 4.  $\frac{d}{dx} x^4 = 4x^3$   
 5.  $\frac{d}{dx} x^5 = 5x^4$   
 6.  $\frac{d}{dx} x^6 = 6x^5$   
 7.  $\frac{d}{dx} x^7 = 7x^6$   
 8.  $\frac{d}{dx} x^8 = 8x^7$   
 9.  $\frac{d}{dx} x^9 = 9x^8$   
 10.  $\frac{d}{dx} x^{10} = 10x^9$   
 11.  $\frac{d}{dx} x^{11} = 11x^{10}$   
 12.  $\frac{d}{dx} x^{12} = 12x^{11}$   
 13.  $\frac{d}{dx} x^{13} = 13x^{12}$   
 14.  $\frac{d}{dx} x^{14} = 14x^{13}$   
 15.  $\frac{d}{dx} x^{15} = 15x^{14}$   
 16.  $\frac{d}{dx} x^{16} = 16x^{15}$   
 17.  $\frac{d}{dx} x^{17} = 17x^{16}$   
 18.  $\frac{d}{dx} x^{18} = 18x^{17}$   
 19.  $\frac{d}{dx} x^{19} = 19x^{18}$   
 20.  $\frac{d}{dx} x^{20} = 20x^{19}$   
 21.  $\frac{d}{dx} x^{21} = 21x^{20}$   
 22.  $\frac{d}{dx} x^{22} = 22x^{21}$   
 23.  $\frac{d}{dx} x^{23} = 23x^{22}$   
 24.  $\frac{d}{dx} x^{24} = 24x^{23}$   
 25.  $\frac{d}{dx} x^{25} = 25x^{24}$   
 26.  $\frac{d}{dx} x^{26} = 26x^{25}$   
 27.  $\frac{d}{dx} x^{27} = 27x^{26}$   
 28.  $\frac{d}{dx} x^{28} = 28x^{27}$   
 29.  $\frac{d}{dx} x^{29} = 29x^{28}$   
 30.  $\frac{d}{dx} x^{30} = 30x^{29}$

[illegible]

40)  $\frac{1}{2} \log_2 8 = \frac{1}{2} \log_2 2^3 = \frac{1}{2} \cdot 3 = 1.5$

41)  $\log_2 16 = \log_2 2^4 = 4$

42)  $\log_2 32 = \log_2 2^5 = 5$

43)  $\log_2 64 = \log_2 2^6 = 6$

44)  $\log_2 128 = \log_2 2^7 = 7$

45)  $\log_2 256 = \log_2 2^8 = 8$

46)  $\log_2 512 = \log_2 2^9 = 9$

47)  $\log_2 1024 = \log_2 2^{10} = 10$

48)  $\log_2 2048 = \log_2 2^{11} = 11$

49)  $\log_2 4096 = \log_2 2^{12} = 12$

50)  $\log_2 8192 = \log_2 2^{13} = 13$

51)  $\log_2 16384 = \log_2 2^{14} = 14$

52)  $\log_2 32768 = \log_2 2^{15} = 15$

53)  $\log_2 65536 = \log_2 2^{16} = 16$

54)  $\log_2 131072 = \log_2 2^{17} = 17$

55)  $\log_2 262144 = \log_2 2^{18} = 18$

56)  $\log_2 524288 = \log_2 2^{19} = 19$

57)  $\log_2 1048576 = \log_2 2^{20} = 20$

58)  $\log_2 2097152 = \log_2 2^{21} = 21$

59)  $\log_2 4194304 = \log_2 2^{22} = 22$

60)  $\log_2 8388608 = \log_2 2^{23} = 23$

61)  $\log_2 16777216 = \log_2 2^{24} = 24$

62)  $\log_2 33554432 = \log_2 2^{25} = 25$

63)  $\log_2 67108864 = \log_2 2^{26} = 26$

64)  $\log_2 134217728 = \log_2 2^{27} = 27$

65)  $\log_2 268435456 = \log_2 2^{28} = 28$

66)  $\log_2 536870912 = \log_2 2^{29} = 29$

67)  $\log_2 1073741824 = \log_2 2^{30} = 30$

68)  $\log_2 2147483648 = \log_2 2^{31} = 31$

69)  $\log_2 4294967296 = \log_2 2^{32} = 32$

70)  $\log_2 8589934592 = \log_2 2^{33} = 33$

71)  $\log_2 17179869184 = \log_2 2^{34} = 34$

72)  $\log_2 34359738368 = \log_2 2^{35} = 35$

73)  $\log_2 68719476736 = \log_2 2^{36} = 36$

74)  $\log_2 137438953472 = \log_2 2^{37} = 37$

75)  $\log_2 274877906944 = \log_2 2^{38} = 38$

76)  $\log_2 549755813888 = \log_2 2^{39} = 39$

77)  $\log_2 1099511627776 = \log_2 2^{40} = 40$

78)  $\log_2 2199023255552 = \log_2 2^{41} = 41$

79)  $\log_2 4398046511104 = \log_2 2^{42} = 42$

80)  $\log_2 8796093022208 = \log_2 2^{43} = 43$

81)  $\log_2 17592186044416 = \log_2 2^{44} = 44$

82)  $\log_2 35184372088832 = \log_2 2^{45} = 45$

83)  $\log_2 70368744177664 = \log_2 2^{46} = 46$

84)  $\log_2 140737488355328 = \log_2 2^{47} = 47$

85)  $\log_2 281474976710656 = \log_2 2^{48} = 48$

86)  $\log_2 562949953421312 = \log_2 2^{49} = 49$

87)  $\log_2 1125899906842624 = \log_2 2^{50} = 50$

88)  $\log_2 2251799813685248 = \log_2 2^{51} = 51$

89)  $\log_2 4503599627370496 = \log_2 2^{52} = 52$

90)  $\log_2 9007199254740992 = \log_2 2^{53} = 53$

91)  $\log_2 18014398509481984 = \log_2 2^{54} = 54$

92)  $\log_2 36028797018963968 = \log_2 2^{55} = 55$

93)  $\log_2 72057594037927936 = \log_2 2^{56} = 56$

94)  $\log_2 144115188075855872 = \log_2 2^{57} = 57$

95)  $\log_2 288230376151711744 = \log_2 2^{58} = 58$

96)  $\log_2 576460752303423488 = \log_2 2^{59} = 59$

97)  $\log_2 1152921504606846976 = \log_2 2^{60} = 60$

98)  $\log_2 2305843009213693952 = \log_2 2^{61} = 61$

99)  $\log_2 4611686018427387904 = \log_2 2^{62} = 62$

100)  $\log_2 9223372036854775808 = \log_2 2^{63} = 63$

101)  $\log_2 18446744073709551616 = \log_2 2^{64} = 64$

102)  $\log_2 36893488147419103232 = \log_2 2^{65} = 65$

103)  $\log_2 73786976294838206464 = \log_2 2^{66} = 66$

104)  $\log_2 147573952589676412928 = \log_2 2^{67} = 67$

105)  $\log_2 295147905179352825856 = \log_2 2^{68} = 68$

106)  $\log_2 590295810358705651712 = \log_2 2^{69} = 69$

107)  $\log_2 1180591620717411303424 = \log_2 2^{70} = 70$

108)  $\log_2 2361183241434822606848 = \log_2 2^{71} = 71$

109)  $\log_2 4722366482869645213696 = \log_2 2^{72} = 72$

110)  $\log_2 9444732965739290427392 = \log_2 2^{73} = 73$

111)  $\log_2 18889465931478580854784 = \log_2 2^{74} = 74$

112)  $\log_2 37778931862957161709568 = \log_2 2^{75} = 75$

113)  $\log_2 75557863725914323419136 = \log_2 2^{76} = 76$

114)  $\log_2 151115727451828646838272 = \log_2 2^{77} = 77$

115)  $\log_2 302231454903657293676544 = \log_2 2^{78} = 78$

116)  $\log_2 604462909807314587353088 = \log_2 2^{79} = 79$

117)  $\log_2 1208925819614629174706176 = \log_2 2^{80} = 80$

118)  $\log_2 2417851639229258349412352 = \log_2 2^{81} = 81$

119)  $\log_2 4835703278458516698824704 = \log_2 2^{82} = 82$

120)  $\log_2 9671406556917033397649408 = \log_2 2^{83} = 83$

121)  $\log_2 19342813113834066795298816 = \log_2 2^{84} = 84$

122)  $\log_2 38685626227668133590597632 = \log_2 2^{85} = 85$

123)  $\log_2 77371252455336267181195264 = \log_2 2^{86} = 86$

124)  $\log_2 154742504910672534362390528 = \log_2 2^{87} = 87$

125)  $\log_2 309485009821345068724781056 = \log_2 2^{88} = 88$

126)  $\log_2 618970019642690137449562112 = \log_2 2^{89} = 89$

127)  $\log_2 12379400392853802$

[illegible]The change of  $\Delta_{\text{change}}$  is calculated as:[illegible]







1. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

2. What is the average height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

3. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

4. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

5. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

6. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

7. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

8. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

9. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

10. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

ANSWERS

|    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|---|---|---|---|---|---|---|---|---|----|
| 1  | a | b | c | d | a | b | c | d | a | b  |
| 2  | a | b | c | d | a | b | c | d | a | b  |
| 3  | a | b | c | d | a | b | c | d | a | b  |
| 4  | a | b | c | d | a | b | c | d | a | b  |
| 5  | a | b | c | d | a | b | c | d | a | b  |
| 6  | a | b | c | d | a | b | c | d | a | b  |
| 7  | a | b | c | d | a | b | c | d | a | b  |
| 8  | a | b | c | d | a | b | c | d | a | b  |
| 9  | a | b | c | d | a | b | c | d | a | b  |
| 10 | a | b | c | d | a | b | c | d | a | b  |

PAGES

1. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

2. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

3. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

4. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

5. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

6. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

7. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

8. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

9. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

10. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

11. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

12. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

13. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

14. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

15. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

16. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

17. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

18. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

19. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft

20. What is the height of the tower?  
 a. 100 ft b. 150 ft  
 c. 200 ft d. 250 ft











20. Major R. is stationed in the Province  
(a) Bhopal (b) Puri  
(c) Bhubaneswar (d) Cuttack

21. The Sri Ode passed originates from the  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

22. Into which the Koldi River falls?  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

23. Into which the Gomti River falls?  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

24. Which of the following is not a tributary of the Gomti?  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

25. Name the tributaries of the Gomti in the  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

26. Name the nearest city from where the  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

27. How much area of the Gomti is under  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

28. From where the Gomti originates?  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

29. What is the total length of the Gomti?  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

30. How many districts are there in the Province of Gomti?  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

31. Name the districts of the Province of Gomti.  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

32. How many districts are there in the Province of Gomti?  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

33. Name the districts of the Province of Gomti.  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

34. How many districts are there in the Province of Gomti?  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

35. Name the districts of the Province of Gomti.  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

36. The annual average flow of water in the  
(a) Gomti (b) Gomti  
(c) Gomti (d) Gomti

### ANSWERS

1. (a) 1 (b) 2 (c) 3 (d) 4
2. (a) 5 (b) 6 (c) 7 (d) 8
3. (a) 9 (b) 10 (c) 11 (d) 12
4. (a) 13 (b) 14 (c) 15 (d) 16
5. (a) 17 (b) 18 (c) 19 (d) 20
6. (a) 21 (b) 22 (c) 23 (d) 24
7. (a) 25 (b) 26 (c) 27 (d) 28
8. (a) 29 (b) 30 (c) 31 (d) 32
9. (a) 33 (b) 34 (c) 35 (d) 36
10. (a) 37 (b) 38 (c) 39 (d) 40
11. (a) 41 (b) 42 (c) 43 (d) 44
12. (a) 45 (b) 46 (c) 47 (d) 48
13. (a) 49 (b) 50 (c) 51 (d) 52
14. (a) 53 (b) 54 (c) 55 (d) 56
15. (a) 57 (b) 58 (c) 59 (d) 60
16. (a) 61 (b) 62 (c) 63 (d) 64
17. (a) 65 (b) 66 (c) 67 (d) 68
18. (a) 69 (b) 70 (c) 71 (d) 72
19. (a) 73 (b) 74 (c) 75 (d) 76
20. (a) 77 (b) 78 (c) 79 (d) 80
21. (a) 81 (b) 82 (c) 83 (d) 84
22. (a) 85 (b) 86 (c) 87 (d) 88
23. (a) 89 (b) 90 (c) 91 (d) 92
24. (a) 93 (b) 94 (c) 95 (d) 96
25. (a) 97 (b) 98 (c) 99 (d) 100

### DISTRICTS

How many districts are there in the Province of Gomti?  
(a) 15 (b) 16  
(c) 17 (d) 18

How many districts are there in the Province of Gomti?  
(a) 19 (b) 20  
(c) 21 (d) 22

Which of the following districts is not a part of the Province of Gomti?  
(a) Gorakhpur (b) Patna  
(c) Champaran (d) Muzaffarpur

How many districts are there in the Province of Gomti?  
(a) 23 (b) 24  
(c) 25 (d) 26

How many districts are there in the Province of Gomti?  
(a) 27 (b) 28  
(c) 29 (d) 30

How many districts are there in the Province of Gomti?  
(a) 31 (b) 32  
(c) 33 (d) 34

How many districts are there in the Province of Gomti?  
(a) 35 (b) 36  
(c) 37 (d) 38

How many districts are there in the Province of Gomti?  
(a) 39 (b) 40  
(c) 41 (d) 42

How many districts are there in the Province of Gomti?  
(a) 43 (b) 44  
(c) 45 (d) 46

How many districts are there in the Province of Gomti?  
(a) 47 (b) 48  
(c) 49 (d) 50

How many districts are there in the Province of Gomti?  
(a) 51 (b) 52  
(c) 53 (d) 54

How many districts are there in the Province of Gomti?  
(a) 55 (b) 56  
(c) 57 (d) 58

How many districts are there in the Province of Gomti?  
(a) 59 (b) 60  
(c) 61 (d) 62

How many districts are there in the Province of Gomti?  
(a) 63 (b) 64  
(c) 65 (d) 66

How many districts are there in the Province of Gomti?  
(a) 67 (b) 68  
(c) 69 (d) 70

How many districts are there in the Province of Gomti?  
(a) 71 (b) 72  
(c) 73 (d) 74

How many districts are there in the Province of Gomti?  
(a) 75 (b) 76  
(c) 77 (d) 78

How many districts are there in the Province of Gomti?  
(a) 79 (b) 80  
(c) 81 (d) 82

How many districts are there in the Province of Gomti?  
(a) 83 (b) 84  
(c) 85 (d) 86

How many districts are there in the Province of Gomti?  
(a) 87 (b) 88  
(c) 89 (d) 90

How many districts are there in the Province of Gomti?  
(a) 91 (b) 92  
(c) 93 (d) 94

How many districts are there in the Province of Gomti?  
(a) 95 (b) 96  
(c) 97 (d) 98

How many districts are there in the Province of Gomti?  
(a) 99 (b) 100  
(c) 101 (d) 102

How many districts are there in the Province of Gomti?  
(a) 103 (b) 104  
(c) 105 (d) 106

How many districts are there in the Province of Gomti?  
(a) 107 (b) 108  
(c) 109 (d) 110

How many districts are there in the Province of Gomti?  
(a) 111 (b) 112  
(c) 113 (d) 114

How many districts are there in the Province of Gomti?  
(a) 115 (b) 116  
(c) 117 (d) 118

How many districts are there in the Province of Gomti?  
(a) 119 (b) 120  
(c) 121 (d) 122

How many districts are there in the Province of Gomti?  
(a) 123 (b) 124  
(c) 125 (d) 126

### ANSWERS

1. (a) 1 (b) 2 (c) 3 (d) 4
2. (a) 5 (b) 6 (c) 7 (d) 8
3. (a) 9 (b) 10 (c) 11 (d) 12
4. (a) 13 (b) 14 (c) 15 (d) 16
5. (a) 17 (b) 18 (c) 19 (d) 20
6. (a) 21 (b) 22 (c) 23 (d) 24
7. (a) 25 (b) 26 (c) 27 (d) 28
8. (a) 29 (b) 30 (c) 31 (d) 32
9. (a) 33 (b) 34 (c) 35 (d) 36
10. (a) 37 (b) 38 (c) 39 (d) 40
11. (a) 41 (b) 42 (c) 43 (d) 44
12. (a) 45 (b) 46 (c) 47 (d) 48
13. (a) 49 (b) 50 (c) 51 (d) 52
14. (a) 53 (b) 54 (c) 55 (d) 56
15. (a) 57 (b) 58 (c) 59 (d) 60
16. (a) 61 (b) 62 (c) 63 (d) 64
17. (a) 65 (b) 66 (c) 67 (d) 68
18. (a) 69 (b) 70 (c) 71 (d) 72
19. (a) 73 (b) 74 (c) 75 (d) 76
20. (a) 77 (b) 78 (c) 79 (d) 80
21. (a) 81 (b) 82 (c) 83 (d) 84
22. (a) 85 (b) 86 (c) 87 (d) 88
23. (a) 89 (b) 90 (c) 91 (d) 92
24. (a) 93 (b) 94 (c) 95 (d) 96
25. (a) 97 (b) 98 (c) 99 (d) 100
26. (a) 101 (b) 102 (c) 103 (d) 104
27. (a) 105 (b) 106 (c) 107 (d) 108
28. (a) 109 (b) 110 (c) 111 (d) 112
29. (a) 113 (b) 114 (c) 115 (d) 116
30. (a) 117 (b) 118 (c) 119 (d) 120
31. (a) 121 (b) 122 (c) 123 (d) 124
32. (a) 125 (b) 126 (c) 127 (d) 128
33. (a) 129 (b) 130 (c) 131 (d) 132
34. (a) 133 (b) 134 (c) 135 (d) 136
35. (a) 137 (b) 138 (c) 139 (d) 140
36. (a) 141 (b) 142 (c) 143 (d) 144
37. (a) 145 (b) 146 (c) 147 (d) 148
38. (a) 149 (b) 150 (c) 151 (d) 152
39. (a) 153 (b) 154 (c) 155 (d) 156
40. (a) 157 (b) 158 (c) 159 (d) 160
41. (a) 161 (b) 162 (c) 163 (d) 164
42. (a) 165 (b) 166 (c) 167 (d) 168
43. (a) 169 (b) 170 (c) 171 (d) 172
44. (a) 173 (b) 174 (c) 175 (d) 176
45. (a) 177 (b) 178 (c) 179 (d) 180
46. (a) 181 (b) 182 (c) 183 (d) 184
47. (a) 185 (b) 186 (c) 187 (d) 188
48. (a) 189 (b) 190 (c) 191 (d) 192
49. (a) 193 (b) 194 (c) 195 (d) 196
50. (a) 197 (b) 198 (c) 199 (d) 200
51. (a) 201 (b) 202 (c) 203 (d) 204
52. (a) 205 (b) 206 (c) 207 (d) 208
53. (a) 209 (b) 210 (c) 211 (d) 212
54. (a) 213 (b) 214 (c) 215 (d) 216
55. (a) 217 (b) 218 (c) 219 (d) 220
56. (a) 221 (b) 222 (c) 223 (d) 224
57. (a) 225 (b) 226 (c) 227 (d) 228
58. (a) 229 (b) 230 (c) 231 (d) 232
59. (a) 233 (b) 234 (c) 235 (d) 236
60. (a) 237 (b) 238 (c) 239 (d) 240
61. (a) 241 (b) 242 (c) 243 (d) 244
62. (a) 245 (b) 246 (c) 247 (d) 248
63. (a) 249 (b) 250 (c) 251 (d) 252
64. (a) 253 (b) 254 (c) 255 (d) 256
65. (a) 257 (b) 258 (c) 259 (d) 260
66. (a) 261 (b) 262 (c) 263 (d) 264
67. (a) 265 (b) 266 (c) 267 (d) 268
68. (a) 269 (b) 270 (c) 271 (d) 272
69. (a) 273 (b) 274 (c) 275 (d) 276
70. (a) 277 (b) 278 (c) 279 (d) 280
71. (a) 281 (b) 282 (c) 283 (d) 284
72. (a) 285 (b) 286 (c) 287 (d) 288
73. (a) 289 (b) 290 (c) 291 (d) 292
74. (a) 293 (b) 294 (c) 295 (d) 296
75. (a) 297 (b) 298 (c) 299 (d) 300
76. (a) 301 (b) 302 (c) 303 (d) 304
77. (a) 305 (b) 306 (c) 307 (d) 308
78. (a) 309 (b) 310 (c) 311 (d) 312
79. (a) 313 (b) 314 (c) 315 (d) 316
80. (a) 317 (b) 318 (c) 319 (d) 320
81. (a) 321 (b) 322 (c) 323 (d) 324
82. (a) 325 (b) 326 (c) 327 (d) 328
83. (a) 329 (b) 330 (c) 331 (d) 332
84. (a) 333 (b) 334 (c) 335 (d) 336
85. (a) 337 (b) 338 (c) 339 (d) 340
86. (a) 341 (b) 342 (c) 343 (d) 344
87. (a) 345 (b) 346 (c) 347 (d) 348
88. (a) 349 (b) 350 (c) 351 (d) 352
89. (a) 353 (b) 354 (c) 355 (d) 356
90. (a) 357 (b) 358 (c) 359 (d) 360
91. (a) 361 (b) 362 (c) 363 (d) 364
92. (a) 365 (b) 366 (c) 367 (d) 368
93. (a) 369 (b) 370 (c) 371 (d) 372
94. (a) 373 (b) 374 (c) 375 (d) 376
95. (a) 377 (b) 378 (c) 379 (d) 380
96. (a) 381 (b) 382 (c) 383 (d) 384
97. (a) 385 (b) 386 (c) 387 (d) 388
98. (a) 389 (b) 390 (c) 391 (d) 392
99. (a) 393 (b) 394 (c) 395 (d) 396
100. (a) 397 (b) 398 (c) 399 (d) 400
101. (a) 401 (b) 402 (c) 403 (d) 404
102. (a) 405 (b) 406 (c) 407 (d) 408
103. (a) 409 (b) 410 (c) 411 (d) 412
104. (a) 413 (b) 414 (c) 415 (d) 416
105. (a) 417 (b) 418 (c) 419 (d) 420
106. (a) 421 (b) 422 (c) 423 (d) 424
107. (a) 425 (b) 426 (c) 427 (d) 428
108. (a) 429 (b) 430 (c) 431 (d) 432
109. (a) 433 (b) 434 (c) 435 (d) 436
110. (a) 437 (b) 438 (c) 439 (d) 440
111. (a) 441 (b) 442 (c) 443 (d) 444
112. (a) 445 (b) 446 (c) 447 (d) 448
113. (a) 449 (b) 450 (c) 451 (d) 452
114. (a) 453 (b) 454 (c) 455 (d) 456
115. (a) 457 (b) 458 (c) 459 (d) 460
116. (a) 461 (b) 462 (c) 463 (d) 464
117. (a) 465 (b) 466 (c) 467 (d) 468
118. (a) 469 (b) 470 (c) 471 (d) 472
119. (a) 473 (b) 474 (c) 475 (d) 476
120. (a) 477 (b) 478 (c) 479 (d) 480
121. (a) 481 (b) 482 (c) 483 (d) 484
122. (a) 485 (b) 486 (c) 487 (d) 488
123. (a) 489 (b) 490 (c) 491 (d) 492
124. (a) 493 (b) 494 (c) 495 (d) 496
125. (a) 497 (b) 498 (c) 499 (d) 500
126. (a) 501 (b) 502 (c) 503 (d) 504
127. (a) 505 (b) 506 (c) 507 (d) 508
128. (a) 509 (b) 510 (c) 511 (d) 512
129. (a) 513 (b) 514 (c) 515 (d) 516
130. (a) 517 (b) 518 (c) 519 (d) 520
131. (a) 521 (b) 522 (c) 523 (d) 524
132. (a) 525 (b) 526 (c) 527 (d) 528
133. (a) 529 (b) 530 (c) 531 (d) 532
134. (a) 533 (b) 534 (c) 535 (d) 536
135. (a) 537 (b) 538 (c) 539 (d) 540
136. (a) 541 (b) 542 (c) 543 (d) 544
137. (a) 545 (b) 546 (c) 547 (d) 548
138. (a) 549 (b) 550 (c) 551 (d) 552
139. (a) 553 (b) 554 (c) 555 (d) 556
140. (a) 557 (b) 558 (c) 559 (d) 560
141. (a) 561 (b) 562 (c) 563 (d) 564
142. (a) 565 (b) 566 (c) 567 (d) 568
143. (a) 569 (b) 570 (c) 571 (d) 572
144. (a) 573 (b) 574 (c) 575 (d) 576
145. (a) 577 (b) 578 (c) 579 (d) 580
146. (a) 581 (b) 582 (c) 583 (d) 584
147. (a) 585 (b) 586 (c) 587 (d) 588
148. (a) 589 (b) 590 (c) 591 (d) 592
149. (a) 593 (b) 594 (c) 595 (d) 596
150. (a) 597 (b) 598 (c) 599 (d) 600
151. (a) 601 (b) 602 (c) 603 (d) 604
152. (a) 605 (b) 606 (c) 607 (d) 608
153. (a) 609 (b) 610 (c) 611 (d) 612
154. (a) 613 (b) 614 (c) 615 (d) 616
155. (a) 617 (b) 618 (c) 619 (d) 620
156. (a) 621 (b) 622 (c) 623 (d) 624
157. (a) 625 (b) 626 (c) 627 (d) 628
158. (a) 629 (b) 630 (c) 631 (d) 632
159. (a) 633 (b) 634 (c) 635 (d) 636
160. (a) 637 (b) 638 (c) 639 (d) 640
161. (a) 641 (b) 642 (c) 643 (d) 644
162. (a) 645 (b) 646 (c) 647 (d) 648
163. (a) 649 (b) 650 (c) 651 (d) 652
164. (a) 653 (b) 654 (c) 655 (d) 656
165. (a) 657 (b) 658 (c) 659 (d) 660
166. (a) 661 (b) 662 (c) 663 (d) 664
167. (a) 665 (b) 666 (c) 667 (d) 668
168. (a) 669 (b) 670 (c) 671 (d) 672
169. (a) 673 (b) 674 (c) 675 (d) 676
170. (a) 677 (b) 678 (c) 679 (d) 680
171. (a) 681 (b) 682 (c) 683 (d) 684
172. (a) 685 (b) 686 (c) 687 (d) 688
173. (a) 689 (b) 690 (c) 691 (d) 692
174. (a) 693 (b) 694 (c) 695 (d) 696
175. (a) 697 (b) 698 (c) 699 (d) 700
176. (a) 701 (b) 702 (c) 703 (d) 704
177. (a) 705 (b) 706 (c) 707 (d) 708
178. (a) 709 (b) 710 (c) 711 (d) 712
179. (a) 713 (b) 714 (c) 715 (d) 716
180. (a) 717 (b) 718 (c) 719 (d) 720
181. (a) 721 (b) 722 (c) 723 (d) 724
182. (a) 725 (b) 726 (c) 727 (d) 728
183. (a) 729 (b) 730 (c) 731 (d) 732
184. (a) 733 (b) 734 (c) 735 (d) 736
185. (a) 737 (b) 738 (c) 739 (d) 740
186. (a) 741 (b) 742 (c) 743 (d) 744
187. (a) 745 (b) 746 (c) 747 (d) 748
188. (a) 749 (b) 750 (c) 751 (d) 752
189. (a) 753 (b) 754 (c) 755 (d) 756
190. (a) 757 (b) 758 (c) 759 (d) 760
191. (a) 761 (b) 762 (c) 763 (d) 764
192. (a) 765 (b) 766 (c) 767 (d) 768
193. (a) 769 (b) 770 (c) 771 (d) 772
194. (a) 773 (b) 774 (c) 775 (d) 776
195. (a) 777 (b) 778 (c) 779 (d) 780
196. (a) 781 (b) 782 (c) 783 (d) 784
197. (a) 785 (b) 786 (c) 787 (d) 788
198. (a) 789 (b) 790 (c) 791 (d) 792
199. (a) 793 (b) 794 (c) 795 (d) 796
200. (a) 797 (b) 798 (c) 799 (d) 800
201. (a) 801 (b) 802 (c) 803 (d) 804
202. (a) 805 (b) 806 (c) 807 (d) 808
203. (a) 809 (b) 810 (c) 811 (d) 812
204. (a) 813 (b) 814 (c) 815 (d) 816
205. (a) 817 (b) 818 (c) 819 (d) 820
206. (a) 821 (b) 822 (c) 823 (d) 824
207. (a) 825 (b) 826 (c) 827 (d) 828
208. (a) 829 (b) 830 (c) 831 (d) 832
209. (a) 833 (b) 834 (c) 835 (d) 836
210. (a) 837 (b) 838 (c) 839 (d)



11. Who is the last Chief Minister of Orissa?
- (a) Late A. B. Patra  
(b) Biju Patnaik  
(c) Biju Patnaik  
(d) Biju Patnaik

12. In September 2011, Pakistan signed an agreement with India for the construction of a 3500 megawatt dam at Ravi in the District of the Ganga-Brahmaputra.
- (a) Amritsar (b) Guwahati  
(c) Dhaka (d) Bhubaneswar

13. Ganga-Brahmaputra basin is the largest basin in the world.
- (a) Number of states  
(b) Number of districts  
(c) Number of cities  
(d) Number of villages

14. The largest number of states in the world is in the continent of Asia.
- (a) Asia (b) Europe  
(c) Africa (d) Australia

**ANSWERS**

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

**MINERALS**

1. The Mineral Conservation Commission of Pakistan was established in 1974.
- (a) 1974 (b) 1975  
(c) 1976 (d) 1977

2. Which of the following areas is rich in lignite?
- (a) Baluchistan (b) Sindh  
(c) Punjab (d) Ferozepur

3. Sulphur is found in the district of Punjab.
- (a) Ferozepur (b) Ludhiana  
(c) Jalandhar (d) Amritsar

4. Which of the following is the largest deposit of copper in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

5. Copper is found in the district of Punjab.
- (a) Ferozepur (b) Ludhiana  
(c) Jalandhar (d) Amritsar

6. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

7. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

8. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

9. Which type of mineral is found in the district of Punjab?
- (a) Iron (b) Coal  
(c) Copper (d) Ferozepur

10. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

11. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

12. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

13. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

14. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

15. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

16. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

17. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

18. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

19. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

20. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

21. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

22. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

23. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

24. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

25. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

26. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

27. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

28. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

29. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

30. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

31. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

32. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

33. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

34. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

35. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

36. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

37. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

38. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

39. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

40. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

41. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

42. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

43. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

44. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

45. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

46. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

47. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

48. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

49. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

50. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

51. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

52. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

53. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

54. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

55. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

56. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

57. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

58. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

59. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

60. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

61. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

62. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

63. Which of the following is the largest deposit of oil in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

64. Which of the following is the largest deposit of iron ore in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur

65. Which of the following is the largest deposit of coal in Pakistan?
- (a) Ferozepur (b) Sindh  
(c) Punjab (d) Ferozepur



61. Which of the following areas has the biggest deposits of iron ore in Pakistan?
- (a) Koh-i-Sulaiman (b) Khyber Pakhtunkhwa  
(c) Salt Range (d) Baluchistan
62. Which area has high quality iron ore deposits?
- (a) Baluchistan (b) Chitral  
(c) Koh-i-Sulaiman (d) Murree
63. The iron ore deposits of Chitral are of what quality?
- (a) Not exportable due to transportation problems  
(b) The low underground water  
(c) Ore deposits are in low quantity  
(d) All of these
64. Which area has the biggest deposits of copper?
- (a) Chitral (b) Murree  
(c) Baluchistan (d) None of these
65. Which copper deposits are found in the province?
- (a) Punjab (b) Sindh  
(c) Baluchistan (d) Khyber Pakhtunkhwa
66. Copper is used in the production of following items?
- (a) Electric wires (b) Machine alloys  
(c) Children toys (d) None of these
67. The deposits of copper, gold and silver have been discovered at what place?
- (a) Chitral (b) Agri  
(c) Sindh (d) Chitral
68. Sindh project is producing copper, silver and gold.
- (a) Yes (b) No  
(c) Yes (d) No
69. Sindh project is producing copper, silver and gold with the help of?
- (a) China (b) Russia  
(c) France (d) Germany
70. Which of the following is a non-ferrous metal?
- (a) Gold (b) Copper  
(c) Iron (d) Zinc
71. All of the following are non-ferrous metals except?
- (a) Aluminum (b) Chromium  
(c) Platinum (d) Sodium
72. Which of the following types of coal represents the last stage of formation of coal?
- (a) Anthracite (b) Bituminous coal  
(c) Lignite (d) Peat
73. What will be the estimated annual production of copper at Sindh project (Baluchistan)?
- (a) 1000 tons (b) 10000 tons  
(c) 10000 tons (d) 20000 tons
74. What will be the estimated annual production of gold at Sindh project (Baluchistan)?
- (a) 1.5 tons (b) 2.5 tons  
(c) 3.5 tons (d) 4.5 tons
75. What will be the estimated annual production of silver at Sindh project (Baluchistan)?
- (a) 1.5 tons (b) 2.5 tons  
(c) 3.5 tons (d) 4.5 tons
76. Which of the following sulphur ranges in Pakistan is an example of primary sulphur?
- (a) Koh-i-Sulaiman (b) Koh-i-Sulaiman  
(c) Koh-i-Sulaiman (d) None of these
77. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
78. Copper alloy is found above that it is pure form but is more often found in chemical combination with following?
- (a) Iron, gold and silver  
(b) Gold, silver, lead  
(c) Iron, lead and copper  
(d) Iron, gold, silver, lead and copper
79. Which of the following oxidation states is found in Gold Chloride?
- (a) +1 (b) +2  
(c) +3 (d) +4
80. Silver is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
81. Where is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
82. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
83. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
84. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
85. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
86. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
87. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
88. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
89. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
90. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
91. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
92. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
93. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
94. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
95. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
96. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
97. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
98. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
99. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper
100. Sulfur is known for the recovery of?
- (a) Iron (b) Gold  
(c) Silver (d) Copper

71. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
72. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
73. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
74. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
75. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
76. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
77. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
78. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
79. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
80. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
81. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
82. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
83. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
84. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
85. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
86. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
87. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
88. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
89. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
90. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
91. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
92. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
93. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
94. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
95. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
96. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
97. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
98. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
99. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc
100. Which of the following mineral is found in the form of high speed machines?
- (a) Steel (b) Chromium  
(c) Lead (d) Zinc



5. Land between River Ganges and River Yamuna is known as
  - (a) Ganga Doab
  - (b) Sagar Doab
  - (c) Chaj Doab
  - (d) Ravi Doab
6. All regions of Agricultural, Horticultural and Silvicultural are known as
  - (a) Ganga Doab
  - (b) Chaj Doab
  - (c) Sagar Doab
  - (d) Ravi Doab
7. Mangrove area is in the presence of
  - (a) Salt
  - (b) Fresh water
  - (c) Saline water
  - (d) Brackish water
8. Largest lake is located in
  - (a) India
  - (b) Pakistan
  - (c) China
  - (d) Russia
9. Main Storage dam built in 1955 on the river
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
10. Chashma Barrage was built in Chashma
  - (a) India
  - (b) Pakistan
  - (c) China
  - (d) Russia
11. Saran Barrage was built in 1955 on the river
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
12. Bhakra Barrage is one of the oldest Barrages in Pakistan built on river
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
13. Total number of Barrages made on the Indus is
  - (a) 8
  - (b) 9
  - (c) 10
  - (d) 11
14. Give the number of the Ganga which flows on Subar Barrage
  - (a) 5
  - (b) 6
  - (c) 7
  - (d) 8
15. The major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
16. When Jhelum Barrage was constructed?
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
17. Chashma Barrage is constructed on
  - (a) River Ravi
  - (b) River Beas
  - (c) River Chashma
  - (d) River Indus
18. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960

19. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
20. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
21. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
22. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
23. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
24. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
25. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
26. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
27. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
28. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
29. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
30. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
31. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
32. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
33. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
34. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
35. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
36. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
37. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
38. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
39. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
40. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
41. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
42. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
43. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
44. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
45. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
46. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
47. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
48. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
49. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
50. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
51. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
52. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
53. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
54. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
55. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
56. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
57. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
58. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
59. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
60. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
61. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
62. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
63. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
64. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
65. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
66. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
67. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
68. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
69. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
70. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
71. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
72. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
73. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
74. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
75. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
76. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
77. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
78. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
79. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
80. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
81. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
82. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
83. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
84. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
85. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
86. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
87. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
88. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
89. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
90. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
91. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
92. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
93. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
94. Chashma Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
95. Feroze Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
96. Dudda Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
97. Ganga Barrage was constructed in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
98. Major dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
99. On which river Mangla Barrage is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
100. Dam built on river Ravi is
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4

1. What is the height of Tarbela Dam?
  - (a) 141 m
  - (b) 123 m
  - (c) 143 m
  - (d) 125 m
2. What is the storage capacity of Tarbela Dam?
  - (a) 14.1 million acre feet
  - (b) 12.3 million acre feet
  - (c) 14.3 million acre feet
  - (d) 12.5 million acre feet
3. What is the length of Tarbela Dam?
  - (a) 20 km
  - (b) 40 km
  - (c) 30 km
  - (d) 45 km
4. On which river Tarbela Dam is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
5. Which is the biggest earth fill dam in the world?
  - (a) Tarbela
  - (b) Mangla
  - (c) Feroze
  - (d) Dudda
6. Which dam has the largest capacity of hydroelectricity production in the world?
  - (a) Tarbela
  - (b) Mangla
  - (c) Feroze
  - (d) Dudda
7. What is the total hydroelectricity production in Pakistan?
  - (a) 1000 MW
  - (b) 1500 MW
  - (c) 1200 MW
  - (d) 1800 MW
8. What is the potential capacity of hydroelectricity production from river Ravi, Beas and Sutlej?
  - (a) 1000 MW
  - (b) 1500 MW
  - (c) 1200 MW
  - (d) 1800 MW
9. What is the share of Tarbela in the total hydroelectricity production of Pakistan?
  - (a) 40%
  - (b) 30%
  - (c) 50%
  - (d) 20%
10. Mangla Dam Project started in operation in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
11. Which is the oldest hydroelectric project in Pakistan?
  - (a) Mangla
  - (b) Tarbela
  - (c) Feroze
  - (d) Dudda
12. What is the length of Tarbela Dam?
  - (a) 141 m
  - (b) 123 m
  - (c) 143 m
  - (d) 125 m
13. What is the height of Tarbela Dam?
  - (a) 141 m
  - (b) 123 m
  - (c) 143 m
  - (d) 125 m
14. What is the storage capacity of Tarbela Dam?
  - (a) 14.1 million acre feet
  - (b) 12.3 million acre feet
  - (c) 14.3 million acre feet
  - (d) 12.5 million acre feet
15. What is the length of Tarbela Dam?
  - (a) 20 km
  - (b) 40 km
  - (c) 30 km
  - (d) 45 km
16. On which river Tarbela Dam is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
17. Which is the biggest earth fill dam in the world?
  - (a) Tarbela
  - (b) Mangla
  - (c) Feroze
  - (d) Dudda
18. Which dam has the largest capacity of hydroelectricity production in the world?
  - (a) Tarbela
  - (b) Mangla
  - (c) Feroze
  - (d) Dudda
19. What is the total hydroelectricity production in Pakistan?
  - (a) 1000 MW
  - (b) 1500 MW
  - (c) 1200 MW
  - (d) 1800 MW
20. What is the potential capacity of hydroelectricity production from river Ravi, Beas and Sutlej?
  - (a) 1000 MW
  - (b) 1500 MW
  - (c) 1200 MW
  - (d) 1800 MW
21. What is the share of Tarbela in the total hydroelectricity production of Pakistan?
  - (a) 40%
  - (b) 30%
  - (c) 50%
  - (d) 20%
22. Mangla Dam Project started in operation in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
23. Which is the oldest hydroelectric project in Pakistan?
  - (a) Mangla
  - (b) Tarbela
  - (c) Feroze
  - (d) Dudda
24. What is the length of Tarbela Dam?
  - (a) 141 m
  - (b) 123 m
  - (c) 143 m
  - (d) 125 m
25. What is the height of Tarbela Dam?
  - (a) 141 m
  - (b) 123 m
  - (c) 143 m
  - (d) 125 m
26. What is the storage capacity of Tarbela Dam?
  - (a) 14.1 million acre feet
  - (b) 12.3 million acre feet
  - (c) 14.3 million acre feet
  - (d) 12.5 million acre feet
27. What is the length of Tarbela Dam?
  - (a) 20 km
  - (b) 40 km
  - (c) 30 km
  - (d) 45 km
28. On which river Tarbela Dam is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
29. Which is the biggest earth fill dam in the world?
  - (a) Tarbela
  - (b) Mangla
  - (c) Feroze
  - (d) Dudda
30. Which dam has the largest capacity of hydroelectricity production in the world?
  - (a) Tarbela
  - (b) Mangla
  - (c) Feroze
  - (d) Dudda
31. What is the total hydroelectricity production in Pakistan?
  - (a) 1000 MW
  - (b) 1500 MW
  - (c) 1200 MW
  - (d) 1800 MW
32. What is the potential capacity of hydroelectricity production from river Ravi, Beas and Sutlej?
  - (a) 1000 MW
  - (b) 1500 MW
  - (c) 1200 MW
  - (d) 1800 MW
33. What is the share of Tarbela in the total hydroelectricity production of Pakistan?
  - (a) 40%
  - (b) 30%
  - (c) 50%
  - (d) 20%
34. Mangla Dam Project started in operation in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
35. Which is the oldest hydroelectric project in Pakistan?
  - (a) Mangla
  - (b) Tarbela
  - (c) Feroze
  - (d) Dudda
36. What is the length of Tarbela Dam?
  - (a) 141 m
  - (b) 123 m
  - (c) 143 m
  - (d) 125 m
37. What is the height of Tarbela Dam?
  - (a) 141 m
  - (b) 123 m
  - (c) 143 m
  - (d) 125 m
38. What is the storage capacity of Tarbela Dam?
  - (a) 14.1 million acre feet
  - (b) 12.3 million acre feet
  - (c) 14.3 million acre feet
  - (d) 12.5 million acre feet
39. What is the length of Tarbela Dam?
  - (a) 20 km
  - (b) 40 km
  - (c) 30 km
  - (d) 45 km
40. On which river Tarbela Dam is constructed?
  - (a) Ravi
  - (b) Beas
  - (c) Sutlej
  - (d) Indus
41. Which is the biggest earth fill dam in the world?
  - (a) Tarbela
  - (b) Mangla
  - (c) Feroze
  - (d) Dudda
42. Which dam has the largest capacity of hydroelectricity production in the world?
  - (a) Tarbela
  - (b) Mangla
  - (c) Feroze
  - (d) Dudda
43. What is the total hydroelectricity production in Pakistan?
  - (a) 1000 MW
  - (b) 1500 MW
  - (c) 1200 MW
  - (d) 1800 MW
44. What is the potential capacity of hydroelectricity production from river Ravi, Beas and Sutlej?
  - (a) 1000 MW
  - (b) 1500 MW
  - (c) 1200 MW
  - (d) 1800 MW
45. What is the share of Tarbela in the total hydroelectricity production of Pakistan?
  - (a) 40%
  - (b) 30%
  - (c) 50%
  - (d) 20%
46. Mangla Dam Project started in operation in
  - (a) 1955
  - (b) 1957
  - (c) 1959
  - (d) 1960
47. Which is the oldest hydroelectric project in Pakistan?
  - (a) Mangla
  - (b) Tarbela
  - (c) Feroze
  - (d) Dudda
48. What is the length of Tarbela Dam?
  - (a) 141 m
  - (b) 123 m
  - (c) 143 m
  - (d) 125 m
49. What is the height of Tarbela Dam?
  - (a) 141 m
  - (b) 123 m
  - (c) 143 m
  - (d) 125 m
50. What is the storage capacity of Tarbela Dam?
  - (a) 14.1 million acre feet
  - (b) 12.3 million acre feet
  - (c) 14.3 million acre feet
  - (d) 12.5 million acre feet
51. What is the length of Tarbela Dam?
  - (a) 20 km
  - (b) 40 km
  - (c) 30 km
  - (d) 45 km
52. On which river Tarbela Dam







10. When the Indus Water Treaty was signed?  
 (a) 26 September 1960  
 (b) 19 November 1967  
 (c) 19 November 1960  
 (d) 19 November 1966

11. The Indus Water Treaty was mediated by  
 (a) USA  
 (b) UK  
 (c) World Bank  
 (d) India

12. Which Indus Water Treaty which river does not given to India?  
 (a) Ravi and Beas  
 (b) Indus, Jhelum and Sutlej  
 (c) Sutlej, Beas  
 (d) Ravi, Beas and Sutlej

13. Which Indus Water Treaty the water given to Pakistan?  
 (a) Ravi, Beas and Sutlej  
 (b) Indus, Jhelum and Sutlej  
 (c) Sutlej, Beas  
 (d) Ravi, Beas and Sutlej

14. The Indus Water Treaty was signed on  
 (a) 19 Nov 1960  
 (b) 19 Nov 1967  
 (c) 19 Nov 1966  
 (d) 19 Nov 1968

15. The Indus Water Treaty was signed on  
 (a) 19 Nov 1960  
 (b) 19 Nov 1967  
 (c) 19 Nov 1966  
 (d) 19 Nov 1968

16. The Indus Water Treaty was signed on  
 (a) 19 Nov 1960  
 (b) 19 Nov 1967  
 (c) 19 Nov 1966  
 (d) 19 Nov 1968

17. Which Indus Water Treaty was signed on  
 (a) 19 Nov 1960  
 (b) 19 Nov 1967  
 (c) 19 Nov 1966  
 (d) 19 Nov 1968

18. Pakistan (proposed) signed Indus Water Treaty on  
 (a) 19 Nov 1960  
 (b) 19 Nov 1967  
 (c) 19 Nov 1966  
 (d) 19 Nov 1968

19. Pakistan (proposed) signed Indus Water Treaty on  
 (a) 19 Nov 1960  
 (b) 19 Nov 1967  
 (c) 19 Nov 1966  
 (d) 19 Nov 1968

20. What is the source of water supply in Pakistan?  
 (a) Indus and its tributaries  
 (b) Indus and its tributaries  
 (c) Indus and its tributaries  
 (d) Indus and its tributaries

21. What is the source of water supply in Pakistan?  
 (a) Indus and its tributaries  
 (b) Indus and its tributaries  
 (c) Indus and its tributaries  
 (d) Indus and its tributaries

22. What is the source of water supply in Pakistan?  
 (a) Indus and its tributaries  
 (b) Indus and its tributaries  
 (c) Indus and its tributaries  
 (d) Indus and its tributaries

## ANSWERS

1. (a) 19 Nov 1960  
 2. (a) 19 Nov 1960  
 3. (a) 19 Nov 1960  
 4. (a) 19 Nov 1960  
 5. (a) 19 Nov 1960  
 6. (a) 19 Nov 1960  
 7. (a) 19 Nov 1960  
 8. (a) 19 Nov 1960  
 9. (a) 19 Nov 1960  
 10. (a) 19 Nov 1960  
 11. (a) 19 Nov 1960  
 12. (a) 19 Nov 1960  
 13. (a) 19 Nov 1960  
 14. (a) 19 Nov 1960  
 15. (a) 19 Nov 1960  
 16. (a) 19 Nov 1960  
 17. (a) 19 Nov 1960  
 18. (a) 19 Nov 1960  
 19. (a) 19 Nov 1960  
 20. (a) 19 Nov 1960  
 21. (a) 19 Nov 1960  
 22. (a) 19 Nov 1960

## AGRICULTURE

1. According to the 2017-18 survey, the percentage of population engaged in agriculture is  
 (a) 58.5%  
 (b) 59.5%  
 (c) 60.5%  
 (d) 61.5%
2. What is the percentage of population engaged in agriculture?  
 (a) 58.5%  
 (b) 59.5%  
 (c) 60.5%  
 (d) 61.5%
3. How much of the total export earnings is from agriculture?  
 (a) 58.5%  
 (b) 59.5%  
 (c) 60.5%  
 (d) 61.5%
4. What is the annual average growth rate of agriculture in Pakistan?  
 (a) 5.5%  
 (b) 6.5%  
 (c) 7.5%  
 (d) 8.5%
5. Annual growth rate of agriculture for the year 2017-18 was  
 (a) 5.5%  
 (b) 6.5%  
 (c) 7.5%  
 (d) 8.5%
6. How much of the total area is cultivated in Pakistan?  
 (a) 58.5%  
 (b) 59.5%  
 (c) 60.5%  
 (d) 61.5%
7. Which one of the following is the largest sector of Pakistan's economy?  
 (a) Agriculture  
 (b) Industry  
 (c) Services  
 (d) Manufacturing

## Which one is the shortest season of Punjab?

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

- (a) Spring  
 (b) Summer  
 (c) Monsoon  
 (d) Winter

## ANSWERS

1. (a) Spring  
 2. (a) Spring  
 3. (a) Spring  
 4. (a) Spring  
 5. (a) Spring  
 6. (a) Spring  
 7. (a) Spring  
 8. (a) Spring  
 9. (a) Spring  
 10. (a) Spring  
 11. (a) Spring  
 12. (a) Spring  
 13. (a) Spring  
 14. (a) Spring  
 15. (a) Spring  
 16. (a) Spring  
 17. (a) Spring  
 18. (a) Spring  
 19. (a) Spring  
 20. (a) Spring  
 21. (a) Spring  
 22. (a) Spring

## INDUSTRIAL DEVELOPMENT

1. The rate of industrial growth in the country in the period 2017-18  
 (a) 5.5%  
 (b) 6.5%  
 (c) 7.5%  
 (d) 8.5%

2. Which of the following is the largest industry in Pakistan?  
 (a) Textiles  
 (b) Sugar  
 (c) Iron and steel  
 (d) Cotton

3. The largest industry in Pakistan is  
 (a) Textiles  
 (b) Sugar  
 (c) Iron and steel  
 (d) Cotton

4. The largest industry in Pakistan is  
 (a) Textiles  
 (b) Sugar  
 (c) Iron and steel  
 (d) Cotton

5. The largest industry in Pakistan is  
 (a) Textiles  
 (b) Sugar  
 (c) Iron and steel  
 (d) Cotton

6. The largest industry in Pakistan is  
 (a) Textiles  
 (b) Sugar  
 (c) Iron and steel  
 (d) Cotton

7. The largest industry in Pakistan is  
 (a) Textiles  
 (b) Sugar  
 (c) Iron and steel  
 (d) Cotton

8. The largest industry in Pakistan is  
 (a) Textiles  
 (b) Sugar  
 (c) Iron and steel  
 (d) Cotton

9. The largest industry in Pakistan is  
 (a) Textiles  
 (b) Sugar  
 (c) Iron and steel  
 (d) Cotton

10. The largest industry in Pakistan is  
 (a) Textiles  
 (b) Sugar  
 (c) Iron and steel  
 (d) Cotton

## ANSWERS

1. (a) 5.5%  
 2. (a) Textiles  
 3. (a) Textiles  
 4. (a) Textiles  
 5. (a) Textiles  
 6. (a) Textiles  
 7. (a) Textiles  
 8. (a) Textiles  
 9. (a) Textiles  
 10. (a) Textiles  
 11. (a) Textiles  
 12. (a) Textiles  
 13. (a) Textiles  
 14. (a) Textiles  
 15. (a) Textiles  
 16. (a) Textiles  
 17. (a) Textiles  
 18. (a) Textiles  
 19. (a) Textiles  
 20. (a) Textiles  
 21. (a) Textiles  
 22. (a) Textiles







3. In 1990, Pakistan's Highway (concrete) Pakistan was  
(a) India (b) Iran  
(c) China (d) Myanmar
4. The total length of road network in Pakistan is  
(a) 200,000 km (b) 214,122 km  
(c) 224,122 km (d) 234,122 km
5. The length of Quetta-Murree road is  
(a) 100 km (b) 105 km  
(c) 110 km (d) 115 km
6. The length of Lahore-Islamabad Motorway is  
(a) 132 km (b) 135 km  
(c) 138 km (d) 140 km
7. The 12.14 km long National Highway and Motorway connecting Islamabad and Rawalpindi is  
(a) 4.2% (b) 4.4%  
(c) 4.6% (d) 4.8%
8. The total length of roads in Pakistan is approximately 250,000 km. How much of this is paved and how much is unpaved?  
(a) 60% paved, 40% unpaved (b) 70% paved, 30% unpaved  
(c) 80% paved, 20% unpaved (d) 90% paved, 10% unpaved
9. The length of Islamabad-Peshawar Motorway is  
(a) 120 km (b) 127 km  
(c) 130 km (d) 133 km
10. Peshawar-Islamabad Motorway is called  
(a) M-1 (b) M-2  
(c) M-3 (d) M-4
11. Peshawar-Islamabad Expressway (PIE) was completed in  
(a) 1990 (b) 1991  
(c) 1992 (d) 1993
12. National Shipping Corporation was set up in  
(a) 1960 (b) 1961  
(c) 1962 (d) 1963
13. Port Qasim is situated near the city of  
(a) Lahore (b) Peshawar  
(c) Karachi (d) Hyderabad
14. Pakistan gave the operational and administrative control of Quetta port for 49 years to the  
(a) China (b) UK  
(c) India (d) Singapore
15. Pakistan had given several loans facilities to the neighbouring countries of  
(a) Iran (b) China  
(c) India (d) Afghanistan
16. The total length of Pakistan's railway network is  
(a) 1920 km (b) 1950 km  
(c) 1980 km (d) 2000 km
17. The first railway line was established between  
(a) Lahore and Rawalpindi  
(b) Lahore and Faisalabad  
(c) Lahore and Multan  
(d) Lahore and Karachi
18. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
19. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
20. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
21. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
22. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
23. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
24. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
25. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
26. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
27. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
28. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km

29. Which of the following is the largest city in Pakistan?  
(a) Rawalpindi (b) Lahore  
(c) Karachi (d) Islamabad
30. What is the length of Karachi-Islamabad road?  
(a) 125 km (b) 130 km  
(c) 135 km (d) 140 km
31. What is the total length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
32. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
33. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
34. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
35. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
36. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
37. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
38. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
39. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
40. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
41. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
42. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
43. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
44. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
45. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
46. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
47. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
48. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
49. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km
50. What is the length of the first railway line in Pakistan?  
(a) 12 km (b) 15 km  
(c) 18 km (d) 20 km

# ANSWERS

1. d 2. a 3. c 4. a 5. b  
6. c 7. a 8. c 9. a 10. d  
11. d 12. c 13. a 14. d 15. d  
16. d 17. a 18. b 19. c 20. d  
21. a 22. d 23. b 24. b 25. d  
26. b 27. c 28. c 29. a 30. d  
31. a 32. c 33. c

## TECHNOLOGICAL ADVANCEMENT

1. A 5 MW atomic reactor was installed at WAPDA  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
2. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
3. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
4. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
5. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
6. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
7. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
8. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
9. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
10. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
11. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
12. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
13. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
14. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
15. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
16. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
17. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
18. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
19. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
20. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
21. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
22. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
23. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
24. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
25. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
26. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
27. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
28. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
29. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
30. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
31. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
32. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
33. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
34. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
35. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
36. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
37. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
38. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
39. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
40. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
41. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
42. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
43. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
44. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
45. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
46. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
47. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
48. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
49. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
50. The 5 MW atomic reactor at WAPDA was installed at  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi



















# COLDEST, HIGHEST, LOWEST, BIGGEST & SMALLEST

## HIGHEST AND LOWEST IN PAKISTAN

| Location           | Height / Depth | Location       | Height / Depth |
|--------------------|----------------|----------------|----------------|
| K2 (Godwin Austen) | 8611 m         | Indus River    | 150 m          |
| Nanga Parbat       | 8126 m         | Arabian Sea    | 2130 m         |
| Dhaulagiri         | 8168 m         | Thal Chaudhary | 2130 m         |
| Annapurna          | 8091 m         | Indus River    | 150 m          |
| Solau Peak         | 7926 m         | Arabian Sea    | 2130 m         |
| Deosai Plateau     | 7926 m         | Thal Chaudhary | 2130 m         |
| K2 (Godwin Austen) | 8611 m         | Indus River    | 150 m          |
| Nanga Parbat       | 8126 m         | Arabian Sea    | 2130 m         |
| Dhaulagiri         | 8168 m         | Thal Chaudhary | 2130 m         |
| Annapurna          | 8091 m         | Indus River    | 150 m          |
| Solau Peak         | 7926 m         | Arabian Sea    | 2130 m         |
| Deosai Plateau     | 7926 m         | Thal Chaudhary | 2130 m         |

## Longest Channel of Pakistan

Indus River

Length: 2130 km

Width: 150 m

Depth: 150 m

Flow: 100 km³/day

Source: Himalayas

Mouth: Arabian Sea

Area: 100 km²

Population: 100 million

Climate: Tropical

Vegetation: Forest

Animals: Elephant

Plants: Rice

Minerals: Coal

Energy: Hydro

Transport: Road

Communication: Radio

Health: Hospital

Education: School

Religion: Islam

Language: Urdu

Currency: Rupee

Government: Federal

Capital: Islamabad

Area: 100 km²

Population: 100 million

Climate: Tropical

Vegetation: Forest

Animals: Elephant

Plants: Rice

Minerals: Coal

Energy: Hydro

Transport: Road

Communication: Radio

Health: Hospital

Education: School

Religion: Islam

Language: Urdu

Currency: Rupee

Government: Federal

Capital: Islamabad

Area: 100 km²

Population: 100 million

Climate: Tropical

Vegetation: Forest

Animals: Elephant

Plants: Rice

Minerals: Coal

Energy: Hydro

Transport: Road

Communication: Radio

Health: Hospital

Education: School

| Location           | Height / Depth | Location       | Height / Depth |
|--------------------|----------------|----------------|----------------|
| K2 (Godwin Austen) | 8611 m         | Indus River    | 150 m          |
| Nanga Parbat       | 8126 m         | Arabian Sea    | 2130 m         |
| Dhaulagiri         | 8168 m         | Thal Chaudhary | 2130 m         |
| Annapurna          | 8091 m         | Indus River    | 150 m          |
| Solau Peak         | 7926 m         | Arabian Sea    | 2130 m         |
| Deosai Plateau     | 7926 m         | Thal Chaudhary | 2130 m         |
| K2 (Godwin Austen) | 8611 m         | Indus River    | 150 m          |
| Nanga Parbat       | 8126 m         | Arabian Sea    | 2130 m         |
| Dhaulagiri         | 8168 m         | Thal Chaudhary | 2130 m         |
| Annapurna          | 8091 m         | Indus River    | 150 m          |
| Solau Peak         | 7926 m         | Arabian Sea    | 2130 m         |
| Deosai Plateau     | 7926 m         | Thal Chaudhary | 2130 m         |

### MCQs

1. What is the highest peak in Pakistan?
2. What is the lowest point in Pakistan?
3. What is the longest river in Pakistan?
4. What is the widest river in Pakistan?
5. What is the deepest lake in Pakistan?
6. What is the largest city in Pakistan?
7. What is the capital of Pakistan?
8. What is the official language of Pakistan?
9. What is the national flag of Pakistan?
10. What is the national anthem of Pakistan?
11. What is the largest island in Pakistan?
12. What is the smallest island in Pakistan?
13. What is the largest lake in Pakistan?
14. What is the smallest lake in Pakistan?
15. What is the largest city in Pakistan?
16. What is the capital of Pakistan?
17. What is the official language of Pakistan?
18. What is the national flag of Pakistan?
19. What is the national anthem of Pakistan?
20. What is the largest island in Pakistan?
21. What is the smallest island in Pakistan?
22. What is the largest lake in Pakistan?
23. What is the smallest lake in Pakistan?
24. What is the largest city in Pakistan?
25. What is the capital of Pakistan?
26. What is the official language of Pakistan?
27. What is the national flag of Pakistan?
28. What is the national anthem of Pakistan?
29. What is the largest island in Pakistan?
30. What is the smallest island in Pakistan?
31. What is the largest lake in Pakistan?
32. What is the smallest lake in Pakistan?
33. What is the largest city in Pakistan?
34. What is the capital of Pakistan?
35. What is the official language of Pakistan?
36. What is the national flag of Pakistan?
37. What is the national anthem of Pakistan?
38. What is the largest island in Pakistan?
39. What is the smallest island in Pakistan?
40. What is the largest lake in Pakistan?
41. What is the smallest lake in Pakistan?
42. What is the largest city in Pakistan?
43. What is the capital of Pakistan?
44. What is the official language of Pakistan?
45. What is the national flag of Pakistan?
46. What is the national anthem of Pakistan?
47. What is the largest island in Pakistan?
48. What is the smallest island in Pakistan?
49. What is the largest lake in Pakistan?
50. What is the smallest lake in Pakistan?
51. What is the largest city in Pakistan?
52. What is the capital of Pakistan?
53. What is the official language of Pakistan?
54. What is the national flag of Pakistan?
55. What is the national anthem of Pakistan?
56. What is the largest island in Pakistan?
57. What is the smallest island in Pakistan?
58. What is the largest lake in Pakistan?
59. What is the smallest lake in Pakistan?
60. What is the largest city in Pakistan?
61. What is the capital of Pakistan?
62. What is the official language of Pakistan?
63. What is the national flag of Pakistan?
64. What is the national anthem of Pakistan?
65. What is the largest island in Pakistan?
66. What is the smallest island in Pakistan?
67. What is the largest lake in Pakistan?
68. What is the smallest lake in Pakistan?
69. What is the largest city in Pakistan?
70. What is the capital of Pakistan?
71. What is the official language of Pakistan?
72. What is the national flag of Pakistan?
73. What is the national anthem of Pakistan?
74. What is the largest island in Pakistan?
75. What is the smallest island in Pakistan?
76. What is the largest lake in Pakistan?
77. What is the smallest lake in Pakistan?
78. What is the largest city in Pakistan?
79. What is the capital of Pakistan?
80. What is the official language of Pakistan?
81. What is the national flag of Pakistan?
82. What is the national anthem of Pakistan?
83. What is the largest island in Pakistan?
84. What is the smallest island in Pakistan?
85. What is the largest lake in Pakistan?
86. What is the smallest lake in Pakistan?
87. What is the largest city in Pakistan?
88. What is the capital of Pakistan?
89. What is the official language of Pakistan?
90. What is the national flag of Pakistan?
91. What is the national anthem of Pakistan?
92. What is the largest island in Pakistan?
93. What is the smallest island in Pakistan?
94. What is the largest lake in Pakistan?
95. What is the smallest lake in Pakistan?
96. What is the largest city in Pakistan?
97. What is the capital of Pakistan?
98. What is the official language of Pakistan?
99. What is the national flag of Pakistan?
100. What is the national anthem of Pakistan?

| Location           | Height / Depth | Location       | Height / Depth |
|--------------------|----------------|----------------|----------------|
| K2 (Godwin Austen) | 8611 m         | Indus River    | 150 m          |
| Nanga Parbat       | 8126 m         | Arabian Sea    | 2130 m         |
| Dhaulagiri         | 8168 m         | Thal Chaudhary | 2130 m         |
| Annapurna          | 8091 m         | Indus River    | 150 m          |
| Solau Peak         | 7926 m         | Arabian Sea    | 2130 m         |
| Deosai Plateau     | 7926 m         | Thal Chaudhary | 2130 m         |
| K2 (Godwin Austen) | 8611 m         | Indus River    | 150 m          |
| Nanga Parbat       | 8126 m         | Arabian Sea    | 2130 m         |
| Dhaulagiri         | 8168 m         | Thal Chaudhary | 2130 m         |
| Annapurna          | 8091 m         | Indus River    | 150 m          |
| Solau Peak         | 7926 m         | Arabian Sea    | 2130 m         |
| Deosai Plateau     | 7926 m         | Thal Chaudhary | 2130 m         |



17. What is the largest city in Pakistan?

- A. Karachi B. Lahore  
C. Islamabad D. Rawalpindi

18. What is the largest city in India?

- A. Mumbai B. Delhi  
C. Kolkata D. Chennai

19. What is the largest city in China?

- A. Beijing B. Shanghai  
C. Hong Kong D. Canton

20. What is the largest city in the United States?

- A. New York B. Los Angeles  
C. Chicago D. Houston

21. What is the largest city in Australia?

- A. Sydney B. Melbourne  
C. Brisbane D. Perth

22. What is the largest city in South America?

- A. Rio de Janeiro B. Sao Paulo  
C. Buenos Aires D. Lima

23. What is the largest city in Africa?

- A. Cairo B. Lagos  
C. Kinshasa D. Johannesburg

24. What is the largest city in Europe?

- A. London B. Paris  
C. Rome D. Berlin

25. What is the largest city in Asia?

- A. Tokyo B. Seoul  
C. Beijing D. Mumbai

26. What is the largest city in the Middle East?

- A. Jerusalem B. Cairo  
C. Baghdad D. Tehran

27. What is the largest city in Oceania?

- A. Sydney B. Melbourne  
C. Brisbane D. Perth

28. What is the largest city in the world?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

29. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

30. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

31. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

32. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

33. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

34. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

35. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

36. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

37. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

38. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

39. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

40. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

41. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

42. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

43. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

44. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

45. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

46. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

47. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

48. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

49. What is the largest city in the world by area?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai

50. What is the largest city in the world by population?

- A. Tokyo B. Shanghai  
C. Beijing D. Mumbai



# PAKISTAN ECONOMIC SURVEY 2020-21

1. The Government has announced a 10% increase in the minimum wage for unskilled workers from Rs. 10,000 to Rs. 11,000 per month. This move is expected to boost the purchasing power of the low-income population and stimulate demand for goods and services.

2. The Government has also announced a 5% increase in the minimum wage for skilled workers from Rs. 15,000 to Rs. 15,750 per month. This move is expected to encourage skill development and improve the productivity of the workforce.

3. The Government has further announced a 10% increase in the minimum wage for semi-skilled workers from Rs. 12,000 to Rs. 13,200 per month. This move is expected to encourage vocational training and improve the quality of the workforce.

4. The Government has also announced a 5% increase in the minimum wage for workers in the construction sector from Rs. 8,000 to Rs. 8,400 per month. This move is expected to improve the living standards of the construction workers and stimulate the construction sector.

5. The Government has further announced a 10% increase in the minimum wage for workers in the manufacturing sector from Rs. 9,000 to Rs. 9,900 per month. This move is expected to improve the living standards of the manufacturing workers and stimulate the manufacturing sector.

6. The Government has also announced a 5% increase in the minimum wage for workers in the services sector from Rs. 7,000 to Rs. 7,350 per month. This move is expected to improve the living standards of the services sector workers and stimulate the services sector.

7. The Government has further announced a 10% increase in the minimum wage for workers in the agriculture sector from Rs. 6,000 to Rs. 6,600 per month. This move is expected to improve the living standards of the agriculture sector workers and stimulate the agriculture sector.

8. The Government has also announced a 5% increase in the minimum wage for workers in the fishing sector from Rs. 5,000 to Rs. 5,250 per month. This move is expected to improve the living standards of the fishing sector workers and stimulate the fishing sector.

9. The Government has further announced a 10% increase in the minimum wage for workers in the transport sector from Rs. 4,000 to Rs. 4,400 per month. This move is expected to improve the living standards of the transport sector workers and stimulate the transport sector.

10. The Government has also announced a 5% increase in the minimum wage for workers in the communication sector from Rs. 3,000 to Rs. 3,150 per month. This move is expected to improve the living standards of the communication sector workers and stimulate the communication sector.

11. The Government has further announced a 10% increase in the minimum wage for workers in the health sector from Rs. 2,000 to Rs. 2,200 per month. This move is expected to improve the living standards of the health sector workers and stimulate the health sector.

12. The Government has also announced a 5% increase in the minimum wage for workers in the education sector from Rs. 1,000 to Rs. 1,050 per month. This move is expected to improve the living standards of the education sector workers and stimulate the education sector.

13. The Government has further announced a 10% increase in the minimum wage for workers in the social services sector from Rs. 1,500 to Rs. 1,650 per month. This move is expected to improve the living standards of the social services sector workers and stimulate the social services sector.

14. The Government has also announced a 5% increase in the minimum wage for workers in the public administration sector from Rs. 1,200 to Rs. 1,260 per month. This move is expected to improve the living standards of the public administration sector workers and stimulate the public administration sector.

15. The Government has further announced a 10% increase in the minimum wage for workers in the private administration sector from Rs. 1,800 to Rs. 1,980 per month. This move is expected to improve the living standards of the private administration sector workers and stimulate the private administration sector.

16. The Government has also announced a 5% increase in the minimum wage for workers in the media sector from Rs. 1,500 to Rs. 1,575 per month. This move is expected to improve the living standards of the media sector workers and stimulate the media sector.

17. The Government has further announced a 10% increase in the minimum wage for workers in the entertainment sector from Rs. 1,200 to Rs. 1,320 per month. This move is expected to improve the living standards of the entertainment sector workers and stimulate the entertainment sector.

18. The Government has also announced a 5% increase in the minimum wage for workers in the sports sector from Rs. 1,000 to Rs. 1,050 per month. This move is expected to improve the living standards of the sports sector workers and stimulate the sports sector.

19. The Government has further announced a 10% increase in the minimum wage for workers in the arts sector from Rs. 800 to Rs. 880 per month. This move is expected to improve the living standards of the arts sector workers and stimulate the arts sector.

20. The Government has also announced a 5% increase in the minimum wage for workers in the science sector from Rs. 600 to Rs. 630 per month. This move is expected to improve the living standards of the science sector workers and stimulate the science sector.

21. The Government has further announced a 10% increase in the minimum wage for workers in the technology sector from Rs. 1,500 to Rs. 1,650 per month. This move is expected to improve the living standards of the technology sector workers and stimulate the technology sector.

22. The Government has also announced a 5% increase in the minimum wage for workers in the environment sector from Rs. 1,200 to Rs. 1,260 per month. This move is expected to improve the living standards of the environment sector workers and stimulate the environment sector.

23. The Government has further announced a 10% increase in the minimum wage for workers in the energy sector from Rs. 1,000 to Rs. 1,100 per month. This move is expected to improve the living standards of the energy sector workers and stimulate the energy sector.

24. The Government has also announced a 5% increase in the minimum wage for workers in the water sector from Rs. 800 to Rs. 840 per month. This move is expected to improve the living standards of the water sector workers and stimulate the water sector.

25. The Government has further announced a 10% increase in the minimum wage for workers in the climate change sector from Rs. 600 to Rs. 660 per month. This move is expected to improve the living standards of the climate change sector workers and stimulate the climate change sector.

26. The Government has also announced a 5% increase in the minimum wage for workers in the disaster management sector from Rs. 500 to Rs. 525 per month. This move is expected to improve the living standards of the disaster management sector workers and stimulate the disaster management sector.

27. The Government has further announced a 10% increase in the minimum wage for workers in the human resources sector from Rs. 400 to Rs. 440 per month. This move is expected to improve the living standards of the human resources sector workers and stimulate the human resources sector.

28. The Government has also announced a 5% increase in the minimum wage for workers in the information technology sector from Rs. 300 to Rs. 315 per month. This move is expected to improve the living standards of the information technology sector workers and stimulate the information technology sector.

29. The Government has further announced a 10% increase in the minimum wage for workers in the telecommunications sector from Rs. 200 to Rs. 220 per month. This move is expected to improve the living standards of the telecommunications sector workers and stimulate the telecommunications sector.

30. The Government has also announced a 5% increase in the minimum wage for workers in the media and entertainment sector from Rs. 100 to Rs. 105 per month. This move is expected to improve the living standards of the media and entertainment sector workers and stimulate the media and entertainment sector.

31. The Government has further announced a 10% increase in the minimum wage for workers in the sports and recreation sector from Rs. 100 to Rs. 110 per month. This move is expected to improve the living standards of the sports and recreation sector workers and stimulate the sports and recreation sector.

32. The Government has also announced a 5% increase in the minimum wage for workers in the arts and culture sector from Rs. 80 to Rs. 84 per month. This move is expected to improve the living standards of the arts and culture sector workers and stimulate the arts and culture sector.

33. The Government has further announced a 10% increase in the minimum wage for workers in the science and technology sector from Rs. 60 to Rs. 66 per month. This move is expected to improve the living standards of the science and technology sector workers and stimulate the science and technology sector.

34. The Government has also announced a 5% increase in the minimum wage for workers in the environment and climate change sector from Rs. 40 to Rs. 42 per month. This move is expected to improve the living standards of the environment and climate change sector workers and stimulate the environment and climate change sector.

35. The Government has further announced a 10% increase in the minimum wage for workers in the energy and water sector from Rs. 20 to Rs. 22 per month. This move is expected to improve the living standards of the energy and water sector workers and stimulate the energy and water sector.

36. The Government has also announced a 5% increase in the minimum wage for workers in the disaster management and human resources sector from Rs. 10 to Rs. 10.5 per month. This move is expected to improve the living standards of the disaster management and human resources sector workers and stimulate the disaster management and human resources sector.

37. The Government has further announced a 10% increase in the minimum wage for workers in the information technology and telecommunications sector from Rs. 5 to Rs. 5.5 per month. This move is expected to improve the living standards of the information technology and telecommunications sector workers and stimulate the information technology and telecommunications sector.

38. The Government has also announced a 5% increase in the minimum wage for workers in the media and entertainment sector from Rs. 2.5 to Rs. 2.625 per month. This move is expected to improve the living standards of the media and entertainment sector workers and stimulate the media and entertainment sector.

39. The Government has further announced a 10% increase in the minimum wage for workers in the sports and recreation sector from Rs. 1.25 to Rs. 1.375 per month. This move is expected to improve the living standards of the sports and recreation sector workers and stimulate the sports and recreation sector.

40. The Government has also announced a 5% increase in the minimum wage for workers in the arts and culture sector from Rs. 0.625 to Rs. 0.656 per month. This move is expected to improve the living standards of the arts and culture sector workers and stimulate the arts and culture sector.











1. The 2013 election for the 2013 election was held on 17th May 2013. The results of the election were as follows:

| Party            | Seats | Percentage |
|------------------|-------|------------|
| Conservative     | 30    | 30.5%      |
| Labour           | 23    | 23.9%      |
| Liberal Democrat | 8     | 8.1%       |
| Green            | 1     | 1.0%       |
| SNP              | 6     | 6.1%       |
| UKIP             | 1     | 1.0%       |
| Others           | 1     | 1.0%       |

2. The 2013 election for the 2013 election was held on 17th May 2013. The results of the election were as follows:

3. The 2013 election for the 2013 election was held on 17th May 2013. The results of the election were as follows:

### ANSWERS

|   |    |       |
|---|----|-------|
| 1 | 30 | 30.5% |
| 2 | 23 | 23.9% |
| 3 | 8  | 8.1%  |
| 4 | 1  | 1.0%  |
| 5 | 6  | 6.1%  |
| 6 | 1  | 1.0%  |
| 7 | 1  | 1.0%  |

### ELECTIONS 2010

1. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

| Party            | Seats | Percentage |
|------------------|-------|------------|
| Conservative     | 30    | 30.5%      |
| Labour           | 23    | 23.9%      |
| Liberal Democrat | 8     | 8.1%       |
| Green            | 1     | 1.0%       |
| SNP              | 6     | 6.1%       |
| UKIP             | 1     | 1.0%       |
| Others           | 1     | 1.0%       |

2. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

3. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

4. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

5. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

6. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

7. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

8. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

9. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

10. The 2010 election for the 2010 election was held on 6 May 2010. The results of the election were as follows:

### ANSWERS

|   |    |       |
|---|----|-------|
| 1 | 30 | 30.5% |
| 2 | 23 | 23.9% |
| 3 | 8  | 8.1%  |
| 4 | 1  | 1.0%  |
| 5 | 6  | 6.1%  |
| 6 | 1  | 1.0%  |
| 7 | 1  | 1.0%  |



WHO IS WHO?  
CURRENT CHIEF MINISTERS OF PROVINCES OF PAKISTAN

| CURRENT CHIEF MINISTERS OF PROVINCES |                   |           |           | Party                |
|--------------------------------------|-------------------|-----------|-----------|----------------------|
| Alberta                              | Harold McMillan   | 1968-1971 | 1971-1978 | Conservative Party   |
| British Columbia                     | W. A. Bennett     | 1968-1971 | 1971-1978 | Conservative Party   |
| Manitoba                             | James G. Thompson | 1968-1971 | 1971-1978 | Conservative Party   |
| Ontario                              | Walter Winterrowd | 1968-1971 | 1971-1978 | Conservative Party   |
| Quebec                               | Robert Bourassa   | 1968-1971 | 1971-1978 | Quebec Liberal Party |
| Saskatchewan                         | W. A. G. Ritchie  | 1968-1971 | 1971-1978 | Conservative Party   |
| Yukon                                | John G. Evans     | 1968-1971 | 1971-1978 | Conservative Party   |

| CURRENT GOVERNORS OF PROVINCES |                    |            |                     |  |
|--------------------------------|--------------------|------------|---------------------|--|
| Province                       | Name of Governor   | Term Since | Party               |  |
| 1. Punjab                      | Ch. Uday Singh     | 1980       | INDIAN NATION PARTY |  |
| 2. Haryana                     | Om Prakash         | 1980       | INDIAN NATION PARTY |  |
| 3. Uttar Pradesh               | Arjun Singh        | 1980       | INDIAN NATION PARTY |  |
| 4. Bihar                       | Shri Krishna Singh | 1980       | INDIAN NATION PARTY |  |

[illegible][illegible]

| CHIEF JUSTICES OF INDIA |                                 |
|-------------------------|---------------------------------|
| Name of the Court       | Name of the Chief Justice       |
| 1. 1950 - 1958          | Mr. Justice B.K. Mukherjee      |
| 2. 1958 - 1962          | Mr. Justice M. K. Das           |
| 3. 1962 - 1967          | Mr. Justice S. K. Das           |
| 4. 1967 - 1971          | Mr. Justice A. N. Ray           |
| 5. 1971 - 1977          | Mr. Justice Y. K. Laxmi Narayan |
| 6. 1977 - 1985          | Mr. Justice B. P. Sinha         |
| 7. 1985 - 1991          | Mr. Justice R. C. O'Neil        |
| 8. 1991 - 1998          | Mr. Justice V. R. Krishna Rao   |
| 9. 1998 - 2001          | Mr. Justice A. S. Anand         |
| 10. 2001 - 2005         | Mr. Justice K. G. Balakrishna   |
| 11. 2005 - 2008         | Mr. Justice R. C. O'Neil        |
| 12. 2008 - 2013         | Mr. Justice V. R. Krishna Rao   |
| 13. 2013 - 2018         | Mr. Justice A. S. Anand         |
| 14. 2018 - 2021         | Mr. Justice K. G. Balakrishna   |
| 15. 2021 - 2024         | Mr. Justice R. C. O'Neil        |

[illegible]

| SOME OF THE CURRENT OFFICE RESIDENTS IN PAKISTAN |                |
|--|----------------|
| 1. Mr. [Name] - [Address]                        | 22. Mr. [Name] |
| 2. Mr. [Name] - [Address]                        | 23. Mr. [Name] |
| 3. Mr. [Name] - [Address]                        | 24. Mr. [Name] |
| 4. Mr. [Name] - [Address]                        | 25. Mr. [Name] |
| 5. Mr. [Name] - [Address]                        | 26. Mr. [Name] |
| 6. Mr. [Name] - [Address]                        | 27. Mr. [Name] |
| 7. Mr. [Name] - [Address]                        | 28. Mr. [Name] |
| 8. Mr. [Name] - [Address]                        | 29. Mr. [Name] |
| 9. Mr. [Name] - [Address]                        | 30. Mr. [Name] |
| 10. Mr. [Name] - [Address]                       | 31. Mr. [Name] |
| 11. Mr. [Name] - [Address]                       | 32. Mr. [Name] |
| 12. Mr. [Name] - [Address]                       | 33. Mr. [Name] |
| 13. Mr. [Name] - [Address]                       | 34. Mr. [Name] |
| 14. Mr. [Name] - [Address]                       | 35. Mr. [Name] |
| 15. Mr. [Name] - [Address]                       | 36. Mr. [Name] |
| 16. Mr. [Name] - [Address]                       | 37. Mr. [Name] |
| 17. Mr. [Name] - [Address]                       | 38. Mr. [Name] |
| 18. Mr. [Name] - [Address]                       | 39. Mr. [Name] |
| 19. Mr. [Name] - [Address]                       | 40. Mr. [Name] |
| 20. Mr. [Name] - [Address]                       | 41. Mr. [Name] |
| 21. Mr. [Name] - [Address]                       | 42. Mr. [Name] |

SECRET



**CURRENT AFFAIRS**

1. The first part of the document is a list of names and addresses, which are arranged in a columnar fashion. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list includes names such as "John Doe", "Jane Smith", and "Robert Johnson", along with their respective addresses.

2. The second part of the document is a series of paragraphs of text. The text is written in a cursive script and appears to be a letter or a report. It discusses various topics, including the names of the individuals mentioned in the first part of the document. The text is somewhat difficult to read due to the cursive script and the quality of the image.

3. The third part of the document is a list of names and addresses, similar to the first part. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list includes names such as "John Doe", "Jane Smith", and "Robert Johnson", along with their respective addresses.

4. The fourth part of the document is a series of paragraphs of text, similar to the second part. The text is written in a cursive script and appears to be a letter or a report. It discusses various topics, including the names of the individuals mentioned in the first part of the document. The text is somewhat difficult to read due to the cursive script and the quality of the image.

5. The fifth part of the document is a list of names and addresses, similar to the first part. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list includes names such as "John Doe", "Jane Smith", and "Robert Johnson", along with their respective addresses.

6. The sixth part of the document is a series of paragraphs of text, similar to the second part. The text is written in a cursive script and appears to be a letter or a report. It discusses various topics, including the names of the individuals mentioned in the first part of the document. The text is somewhat difficult to read due to the cursive script and the quality of the image.

7. The seventh part of the document is a list of names and addresses, similar to the first part. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list includes names such as "John Doe", "Jane Smith", and "Robert Johnson", along with their respective addresses.

8. The eighth part of the document is a series of paragraphs of text, similar to the second part. The text is written in a cursive script and appears to be a letter or a report. It discusses various topics, including the names of the individuals mentioned in the first part of the document. The text is somewhat difficult to read due to the cursive script and the quality of the image.

9. The ninth part of the document is a list of names and addresses, similar to the first part. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list includes names such as "John Doe", "Jane Smith", and "Robert Johnson", along with their respective addresses.

10. The tenth part of the document is a series of paragraphs of text, similar to the second part. The text is written in a cursive script and appears to be a letter or a report. It discusses various topics, including the names of the individuals mentioned in the first part of the document. The text is somewhat difficult to read due to the cursive script and the quality of the image.

76 1. The first part of the report is devoted to a general survey of the situation in the country. It is based on the information received from the various sources mentioned in the preceding paragraph. The second part contains a detailed analysis of the economic situation, which shows a steady improvement since the last year. This is due to the successful implementation of the measures taken by the Government to stimulate production and trade. The third part deals with the social and cultural life of the population. It is noted that there has been a significant increase in the level of education and health care, as well as in the standard of living. The fourth part discusses the foreign relations of the country, highlighting the strengthening of ties with friendly nations and the active participation in international organizations. Finally, the report concludes with some recommendations for further development and progress.

1. ...  
 2. ...  
 3. ...  
 4. ...  
 5. ...  
 6. ...  
 7. ...  
 8. ...  
 9. ...  
 10. ...  
 11. ...  
 12. ...  
 13. ...  
 14. ...  
 15. ...  
 16. ...  
 17. ...  
 18. ...  
 19. ...  
 20. ...  
 21. ...  
 22. ...  
 23. ...  
 24. ...  
 25. ...  
 26. ...  
 27. ...  
 28. ...  
 29. ...  
 30. ...  
 31. ...  
 32. ...  
 33. ...  
 34. ...  
 35. ...  
 36. ...  
 37. ...  
 38. ...  
 39. ...  
 40. ...  
 41. ...  
 42. ...  
 43. ...  
 44. ...  
 45. ...  
 46. ...  
 47. ...  
 48. ...  
 49. ...  
 50. ...  
 51. ...  
 52. ...  
 53. ...  
 54. ...  
 55. ...  
 56. ...  
 57. ...  
 58. ...  
 59. ...  
 60. ...  
 61. ...  
 62. ...  
 63. ...  
 64. ...  
 65. ...  
 66. ...  
 67. ...  
 68. ...  
 69. ...  
 70. ...  
 71. ...  
 72. ...  
 73. ...  
 74. ...  
 75. ...  
 76. ...  
 77. ...  
 78. ...  
 79. ...  
 80. ...  
 81. ...  
 82. ...  
 83. ...  
 84. ...  
 85. ...  
 86. ...  
 87. ...  
 88. ...  
 89. ...  
 90. ...  
 91. ...  
 92. ...  
 93. ...  
 94. ...  
 95. ...  
 96. ...  
 97. ...  
 98. ...  
 99. ...  
 100. ...

1.  $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$   $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$   $\frac{1}{2} \times \frac{1}{5} = \frac{1}{10}$   $\frac{1}{2} \times \frac{1}{6} = \frac{1}{12}$   $\frac{1}{2} \times \frac{1}{7} = \frac{1}{14}$   $\frac{1}{2} \times \frac{1}{8} = \frac{1}{16}$   $\frac{1}{2} \times \frac{1}{9} = \frac{1}{18}$   $\frac{1}{2} \times \frac{1}{10} = \frac{1}{20}$   
 2.  $\frac{1}{3} \times \frac{1}{4} = \frac{1}{12}$   $\frac{1}{3} \times \frac{1}{5} = \frac{1}{15}$   $\frac{1}{3} \times \frac{1}{6} = \frac{1}{18}$   $\frac{1}{3} \times \frac{1}{7} = \frac{1}{21}$   $\frac{1}{3} \times \frac{1}{8} = \frac{1}{24}$   $\frac{1}{3} \times \frac{1}{9} = \frac{1}{27}$   $\frac{1}{3} \times \frac{1}{10} = \frac{1}{30}$   
 3.  $\frac{1}{4} \times \frac{1}{5} = \frac{1}{20}$   $\frac{1}{4} \times \frac{1}{6} = \frac{1}{24}$   $\frac{1}{4} \times \frac{1}{7} = \frac{1}{28}$   $\frac{1}{4} \times \frac{1}{8} = \frac{1}{32}$   $\frac{1}{4} \times \frac{1}{9} = \frac{1}{36}$   $\frac{1}{4} \times \frac{1}{10} = \frac{1}{40}$   
 4.  $\frac{1}{5} \times \frac{1}{6} = \frac{1}{30}$   $\frac{1}{5} \times \frac{1}{7} = \frac{1}{35}$   $\frac{1}{5} \times \frac{1}{8} = \frac{1}{40}$   $\frac{1}{5} \times \frac{1}{9} = \frac{1}{45}$   $\frac{1}{5} \times \frac{1}{10} = \frac{1}{50}$   
 5.  $\frac{1}{6} \times \frac{1}{7} = \frac{1}{42}$   $\frac{1}{6} \times \frac{1}{8} = \frac{1}{48}$   $\frac{1}{6} \times \frac{1}{9} = \frac{1}{54}$   $\frac{1}{6} \times \frac{1}{10} = \frac{1}{60}$   
 6.  $\frac{1}{7} \times \frac{1}{8} = \frac{1}{56}$   $\frac{1}{7} \times \frac{1}{9} = \frac{1}{63}$   $\frac{1}{7} \times \frac{1}{10} = \frac{1}{70}$   
 7.  $\frac{1}{8} \times \frac{1}{9} = \frac{1}{72}$   $\frac{1}{8} \times \frac{1}{10} = \frac{1}{80}$   
 8.  $\frac{1}{9} \times \frac{1}{10} = \frac{1}{90}$   
 9.  $\frac{1}{10} \times \frac{1}{11} = \frac{1}{110}$   
 10.  $\frac{1}{11} \times \frac{1}{12} = \frac{1}{132}$   
 11.  $\frac{1}{12} \times \frac{1}{13} = \frac{1}{156}$   
 12.  $\frac{1}{13} \times \frac{1}{14} = \frac{1}{182}$   
 13.  $\frac{1}{14} \times \frac{1}{15} = \frac{1}{210}$   
 14.  $\frac{1}{15} \times \frac{1}{16} = \frac{1}{240}$   
 15.  $\frac{1}{16} \times \frac{1}{17} = \frac{1}{272}$   
 16.  $\frac{1}{17} \times \frac{1}{18} = \frac{1}{306}$   
 17.  $\frac{1}{18} \times \frac{1}{19} = \frac{1}{342}$   
 18.  $\frac{1}{19} \times \frac{1}{20} = \frac{1}{380}$   
 19.  $\frac{1}{20} \times \frac{1}{21} = \frac{1}{420}$   
 20.  $\frac{1}{21} \times \frac{1}{22} = \frac{1}{462}$   
 21.  $\frac{1}{22} \times \frac{1}{23} = \frac{1}{506}$   
 22.  $\frac{1}{23} \times \frac{1}{24} = \frac{1}{552}$   
 23.  $\frac{1}{24} \times \frac{1}{25} = \frac{1}{600}$   
 24.  $\frac{1}{25} \times \frac{1}{26} = \frac{1}{650}$   
 25.  $\frac{1}{26} \times \frac{1}{27} = \frac{1}{702}$   
 26.  $\frac{1}{27} \times \frac{1}{28} = \frac{1}{756}$   
 27.  $\frac{1}{28} \times \frac{1}{29} = \frac{1}{812}$   
 28.  $\frac{1}{29} \times \frac{1}{30} = \frac{1}{870}$   
 29.  $\frac{1}{30} \times \frac{1}{31} = \frac{1}{930}$   
 30.  $\frac{1}{31} \times \frac{1}{32} = \frac{1}{992}$   
 31.  $\frac{1}{32} \times \frac{1}{33} = \frac{1}{1056}$   
 32.  $\frac{1}{33} \times \frac{1}{34} = \frac{1}{1122}$   
 33.  $\frac{1}{34} \times \frac{1}{35} = \frac{1}{1190}$   
 34.  $\frac{1}{35} \times \frac{1}{36} = \frac{1}{1260}$   
 35.  $\frac{1}{36} \times \frac{1}{37} = \frac{1}{1332}$   
 36.  $\frac{1}{37} \times \frac{1}{38} = \frac{1}{1406}$   
 37.  $\frac{1}{38} \times \frac{1}{39} = \frac{1}{1482}$   
 38.  $\frac{1}{39} \times \frac{1}{40} = \frac{1}{1560}$   
 39.  $\frac{1}{40} \times \frac{1}{41} = \frac{1}{1640}$   
 40.  $\frac{1}{41} \times \frac{1}{42} = \frac{1}{1722}$   
 41.  $\frac{1}{42} \times \frac{1}{43} = \frac{1}{1806}$   
 42.  $\frac{1}{43} \times \frac{1}{44} = \frac{1}{1892}$   
 43.  $\frac{1}{44} \times \frac{1}{45} = \frac{1}{1980}$   
 44.  $\frac{1}{45} \times \frac{1}{46} = \frac{1}{2070}$   
 45.  $\frac{1}{46} \times \frac{1}{47} = \frac{1}{2162}$   
 46.  $\frac{1}{47} \times \frac{1}{48} = \frac{1}{2256}$   
 47.  $\frac{1}{48} \times \frac{1}{49} = \frac{1}{2352}$   
 48.  $\frac{1}{49} \times \frac{1}{50} = \frac{1}{2450}$   
 49.  $\frac{1}{50} \times \frac{1}{51} = \frac{1}{2550}$   
 50.  $\frac{1}{51} \times \frac{1}{52} = \frac{1}{2652}$   
 51.  $\frac{1}{52} \times \frac{1}{53} = \frac{1}{2756}$   
 52.  $\frac{1}{53} \times \frac{1}{54} = \frac{1}{2862}$   
 53.  $\frac{1}{54} \times \frac{1}{55} = \frac{1}{2970}$   
 54.  $\frac{1}{55} \times \frac{1}{56} = \frac{1}{3080}$   
 55.  $\frac{1}{56} \times \frac{1}{57} = \frac{1}{3192}$   
 56.  $\frac{1}{57} \times \frac{1}{58} = \frac{1}{3306}$   
 57.  $\frac{1}{58} \times \frac{1}{59} = \frac{1}{3422}$   
 58.  $\frac{1}{59} \times \frac{1}{60} = \frac{1}{3540}$   
 59.  $\frac{1}{60} \times \frac{1}{61} = \frac{1}{3660}$   
 60.  $\frac{1}{61} \times \frac{1}{62} = \frac{1}{3782}$   
 61.  $\frac{1}{62} \times \frac{1}{63} = \frac{1}{3906}$   
 62.  $\frac{1}{63} \times \frac{1}{64} = \frac{1}{4032}$   
 63.  $\frac{1}{64} \times \frac{1}{65} = \frac{1}{4160}$   
 64.  $\frac{1}{65} \times \frac{1}{66} = \frac{1}{4290}$   
 65.  $\frac{1}{66} \times \frac{1}{67} = \frac{1}{4422}$   
 66.  $\frac{1}{67} \times \frac{1}{68} = \frac{1}{4556}$   
 67.  $\frac{1}{68} \times \frac{1}{69} = \frac{1}{4692}$   
 68.  $\frac{1}{69} \times \frac{1}{70} = \frac{1}{4830}$   
 69.  $\frac{1}{70} \times \frac{1}{71} = \frac{1}{4970}$   
 70.  $\frac{1}{71} \times \frac{1}{72} = \frac{1}{5112}$   
 71.  $\frac{1}{72} \times \frac{1}{73} = \frac{1}{5256}$   
 72.  $\frac{1}{73} \times \frac{1}{74} = \frac{1}{5402}$   
 73.  $\frac{1}{74} \times \frac{1}{75} = \frac{1}{5550}$   
 74.  $\frac{1}{75} \times \frac{1}{76} = \frac{1}{5700}$   
 75.  $\frac{1}{76} \times \frac{1}{77} = \frac{1}{5852}$   
 76.  $\frac{1}{77} \times \frac{1}{78} = \frac{1}{6006}$   
 77.  $\frac{1}{78} \times \frac{1}{79} = \frac{1}{6162}$   
 78.  $\frac{1}{79} \times \frac{1}{80} = \frac{1}{6320}$   
 79.  $\frac{1}{80} \times \frac{1}{81} = \frac{1}{6480}$   
 80.  $\frac{1}{81} \times \frac{1}{82} = \frac{1}{6642}$   
 81.  $\frac{1}{82} \times \frac{1}{83} = \frac{1}{6806}$   
 82.  $\frac{1}{83} \times$



1. Einleitung  
 2. Grundlagen  
 3. Methoden  
 4. Ergebnisse  
 5. Diskussion  
 6. Fazit  
 7. Literaturverzeichnis  
 8. Anhang  
 9. Index  
 10. Abbildung  
 11. Tabelle  
 12. Formel  
 13. Diagramm  
 14. Skizze  
 15. Zeichnung  
 16. Photographie  
 17. Video  
 18. Audiodatei  
 19. Textdatei  
 20. Excel-Datei  
 21. PDF-Datei  
 22. Word-Datei  
 23. PowerPoint-Datei  
 24. Flash-Datei  
 25. XML-Datei  
 26. JSON-Datei  
 27. YAML-Datei  
 28. CSV-Datei  
 29. Log-Datei  
 30. Backup-Datei  
 31. Restore-Datei  
 32. Update-Datei  
 33. Install-Datei  
 34. Uninstall-Datei  
 35. Setup-Datei  
 36. Config-Datei  
 37. Help-Datei  
 38. Readme-Datei  
 39. License-Datei  
 40. Changelog-Datei  
 41. FAQ-Datei  
 42. FAQ-Datei  
 43. FAQ-Datei  
 44. FAQ-Datei  
 45. FAQ-Datei  
 46. FAQ-Datei  
 47. FAQ-Datei  
 48. FAQ-Datei  
 49. FAQ-Datei  
 50. FAQ-Datei  
 51. FAQ-Datei  
 52. FAQ-Datei  
 53. FAQ-Datei  
 54. FAQ-Datei  
 55. FAQ-Datei  
 56. FAQ-Datei  
 57. FAQ-Datei  
 58. FAQ-Datei  
 59. FAQ-Datei  
 60. FAQ-Datei  
 61. FAQ-Datei  
 62. FAQ-Datei  
 63. FAQ-Datei  
 64. FAQ-Datei  
 65. FAQ-Datei  
 66. FAQ-Datei  
 67. FAQ-Datei  
 68. FAQ-Datei  
 69. FAQ-Datei  
 70. FAQ-Datei  
 71. FAQ-Datei  
 72. FAQ-Datei  
 73. FAQ-Datei  
 74. FAQ-Datei  
 75. FAQ-Datei  
 76. FAQ-Datei  
 77. FAQ-Datei  
 78. FAQ-Datei  
 79. FAQ-Datei  
 80. FAQ-Datei  
 81. FAQ-Datei  
 82. FAQ-Datei  
 83. FAQ-Datei  
 84. FAQ-Datei  
 85. FAQ-Datei  
 86. FAQ-Datei  
 87. FAQ-Datei  
 88. FAQ-Datei  
 89. FAQ-Datei  
 90. FAQ-Datei  
 91. FAQ-Datei  
 92. FAQ-Datei  
 93. FAQ-Datei  
 94. FAQ-Datei  
 95. FAQ-Datei  
 96. FAQ-Datei  
 97. FAQ-Datei  
 98. FAQ-Datei  
 99. FAQ-Datei  
 100. FAQ-Datei

1. The first of these is the fact that the  
 2. second of these is the fact that the  
 3. third of these is the fact that the  
 4. fourth of these is the fact that the  
 5. fifth of these is the fact that the  
 6. sixth of these is the fact that the  
 7. seventh of these is the fact that the  
 8. eighth of these is the fact that the  
 9. ninth of these is the fact that the  
 10. tenth of these is the fact that the  
 11. eleventh of these is the fact that the  
 12. twelfth of these is the fact that the  
 13. thirteenth of these is the fact that the  
 14. fourteenth of these is the fact that the  
 15. fifteenth of these is the fact that the  
 16. sixteenth of these is the fact that the  
 17. seventeenth of these is the fact that the  
 18. eighteenth of these is the fact that the  
 19. nineteenth of these is the fact that the  
 20. twentieth of these is the fact that the

1. ...  
 2. ...  
 3. ...  
 4. ...  
 5. ...  
 6. ...  
 7. ...  
 8. ...  
 9. ...  
 10. ...  
 11. ...  
 12. ...  
 13. ...  
 14. ...  
 15. ...  
 16. ...  
 17. ...  
 18. ...  
 19. ...  
 20. ...  
 21. ...  
 22. ...  
 23. ...  
 24. ...  
 25. ...  
 26. ...  
 27. ...  
 28. ...  
 29. ...  
 30. ...  
 31. ...  
 32. ...  
 33. ...  
 34. ...  
 35. ...  
 36. ...  
 37. ...  
 38. ...  
 39. ...  
 40. ...  
 41. ...  
 42. ...  
 43. ...  
 44. ...  
 45. ...  
 46. ...  
 47. ...  
 48. ...  
 49. ...  
 50. ...  
 51. ...  
 52. ...  
 53. ...  
 54. ...  
 55. ...  
 56. ...  
 57. ...  
 58. ...  
 59. ...  
 60. ...  
 61. ...  
 62. ...  
 63. ...  
 64. ...  
 65. ...  
 66. ...  
 67. ...  
 68. ...  
 69. ...  
 70. ...  
 71. ...  
 72. ...  
 73. ...  
 74. ...  
 75. ...  
 76. ...  
 77. ...  
 78. ...  
 79. ...  
 80. ...  
 81. ...  
 82. ...  
 83. ...  
 84. ...  
 85. ...  
 86. ...  
 87. ...  
 88. ...  
 89. ...  
 90. ...  
 91. ...  
 92. ...  
 93. ...  
 94. ...  
 95. ...  
 96. ...  
 97. ...  
 98. ...  
 99. ...  
 100. ...

[illegible]



1997

1. General  
 2. Specific  
 3. Particular  
 4. Detail  
 5. Example  
 6. Illustration  
 7. Analogy  
 8. Comparison  
 9. Contrast  
 10. Conclusion

10. *Waples* 1990  
 11. *Waples* 1990  
 12. *Waples* 1990  
 13. *Waples* 1990  
 14. *Waples* 1990  
 15. *Waples* 1990  
 16. *Waples* 1990  
 17. *Waples* 1990  
 18. *Waples* 1990  
 19. *Waples* 1990  
 20. *Waples* 1990

1. The first part of the document is a list of names and their corresponding addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

$$= \frac{1}{2} \left( \frac{1}{2} \right)^{n-1} = \frac{1}{2^n}$$

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

396

397

398

399

400

401

402

403

404

405

406

407

408

409

410

411

412

413

414

415

416

417

418

419

420

421

422

423

424

425

426

427

428

429

430

431

432

433

434

435

436

437

438

439

440

441

442

443

444

445

446

447

448

449

450

451

452

453

454

455

456

457

458

459

460

461

462

463

464

465

466

467

468

469

470

471

472

473

474

475

476

477

478

479

480

481

482

483

484

485

486

487

488

489

490

491

492

493

494

495

496

497

498

499

500

501

502

503

504

505

506

507

508

509

510

511

512

513

514

515

516

517

518

519

520

521

522

523

524

525

526

527

528

529

530

531

532

533

534

535

536</

1. [redacted]  
 2. [redacted]  
 3. [redacted]  
 4. [redacted]  
 5. [redacted]  
 6. [redacted]  
 7. [redacted]  
 8. [redacted]  
 9. [redacted]  
 10. [redacted]  
 11. [redacted]  
 12. [redacted]  
 13. [redacted]  
 14. [redacted]  
 15. [redacted]  
 16. [redacted]  
 17. [redacted]  
 18. [redacted]  
 19. [redacted]  
 20. [redacted]  
 21. [redacted]  
 22. [redacted]  
 23. [redacted]  
 24. [redacted]  
 25. [redacted]  
 26. [redacted]  
 27. [redacted]  
 28. [redacted]  
 29. [redacted]  
 30. [redacted]  
 31. [redacted]  
 32. [redacted]  
 33. [redacted]  
 34. [redacted]  
 35. [redacted]  
 36. [redacted]  
 37. [redacted]  
 38. [redacted]  
 39. [redacted]  
 40. [redacted]  
 41. [redacted]  
 42. [redacted]  
 43. [redacted]  
 44. [redacted]  
 45. [redacted]  
 46. [redacted]  
 47. [redacted]  
 48. [redacted]  
 49. [redacted]  
 50. [redacted]  
 51. [redacted]  
 52. [redacted]  
 53. [redacted]  
 54. [redacted]  
 55. [redacted]  
 56. [redacted]  
 57. [redacted]  
 58. [redacted]  
 59. [redacted]  
 60. [redacted]  
 61. [redacted]  
 62. [redacted]  
 63. [redacted]  
 64. [redacted]  
 65. [redacted]  
 66. [redacted]  
 67. [redacted]  
 68. [redacted]  
 69. [redacted]  
 70. [redacted]  
 71. [redacted]  
 72. [redacted]  
 73. [redacted]  
 74. [redacted]  
 75. [redacted]  
 76. [redacted]  
 77. [redacted]  
 78. [redacted]  
 79. [redacted]  
 80. [redacted]  
 81. [redacted]  
 82. [redacted]  
 83. [redacted]  
 84. [redacted]  
 85. [redacted]  
 86. [redacted]  
 87. [redacted]  
 88. [redacted]  
 89. [redacted]  
 90. [redacted]  
 91. [redacted]  
 92. [redacted]  
 93. [redacted]  
 94. [redacted]  
 95. [redacted]  
 96. [redacted]  
 97. [redacted]  
 98. [redacted]  
 99. [redacted]  
 100. [redacted]

4. 1940-1941  
 5. 1942-1943  
 6. 1944-1945  
 7. 1946-1947  
 8. 1948-1949  
 9. 1950-1951  
 10. 1952-1953  
 11. 1954-1955  
 12. 1956-1957  
 13. 1958-1959  
 14. 1960-1961  
 15. 1962-1963  
 16. 1964-1965  
 17. 1966-1967  
 18. 1968-1969  
 19. 1970-1971  
 20. 1972-1973  
 21. 1974-1975  
 22. 1976-1977  
 23. 1978-1979  
 24. 1980-1981  
 25. 1982-1983  
 26. 1984-1985  
 27. 1986-1987  
 28. 1988-1989  
 29. 1990-1991  
 30. 1992-1993  
 31. 1994-1995  
 32. 1996-1997  
 33. 1998-1999  
 34. 2000-2001  
 35. 2002-2003  
 36. 2004-2005  
 37. 2006-2007  
 38. 2008-2009  
 39. 2010-2011  
 40. 2012-2013  
 41. 2014-2015  
 42. 2016-2017  
 43. 2018-2019  
 44. 2020-2021  
 45. 2022-2023  
 46. 2024-2025  
 47. 2026-2027  
 48. 2028-2029  
 49. 2030-2031  
 50. 2032-2033  
 51. 2034-2035  
 52. 2036-2037  
 53. 2038-2039  
 54. 2040-2041  
 55. 2042-2043  
 56. 2044-2045  
 57. 2046-2047  
 58. 2048-2049  
 59. 2050-2051  
 60. 2052-2053  
 61. 2054-2055  
 62. 2056-2057  
 63. 2058-2059  
 64. 2060-2061  
 65. 2062-2063  
 66. 2064-2065  
 67. 2066-2067  
 68. 2068-2069  
 69. 2070-2071  
 70. 2072-2073  
 71. 2074-2075  
 72. 2076-2077  
 73. 2078-2079  
 74. 2080-2081  
 75. 2082-2083  
 76. 2084-2085  
 77. 2086-2087  
 78. 2088-2089  
 79. 2090-2091  
 80. 2092-2093  
 81. 2094-2095  
 82. 2096-2097  
 83. 2098-2099  
 84. 2100-2101  
 85. 2102-2103  
 86. 2104-2105  
 87. 2106-2107  
 88. 2108-2109  
 89. 2110-2111  
 90. 2112-2113  
 91. 2114-2115  
 92. 2116-2117  
 93. 2118-2119  
 94. 2120-2121  
 95. 2122-2123  
 96. 2124-2125  
 97. 2126-2127  
 98. 2128-2129  
 99. 2130-2131  
 100. 2132-2133  
 101. 2134-2135  
 102. 2136-2137  
 103. 2138-2139  
 104. 2140-2141  
 105. 2142-2143  
 106. 2144-2145  
 107. 2146-2147  
 108. 2148-2149  
 109. 2150-2151  
 110. 2152-2153  
 111. 2154-2155  
 112. 2156-2157  
 113. 2158-2159  
 114. 2160-2161  
 115. 2162-2163  
 116. 2164-2165  
 117. 2166-2167  
 118. 2168-2169  
 119. 2170-2171  
 120. 2172-2173  
 121. 2174-2175  
 122. 2176-2177  
 123. 2178-2179  
 124. 2180-2181  
 125. 2182-2183  
 126. 2184-2185  
 127. 2186-2187  
 128. 2188-2189  
 129. 2190-2191  
 130. 2192-2193  
 131. 2194-2195  
 132. 2196-2197  
 133. 2198-2199  
 134. 2200-2201  
 135. 2202-2203  
 136. 2204-2205  
 137. 2206-2207  
 138. 2208-2209  
 139. 2210-2211  
 140. 2212-2213  
 141. 2214-2215  
 142. 2216-2217  
 143. 2218-2219  
 144. 2220-2221  
 145. 2222-2223  
 146. 2224-2225  
 147. 2226-2227  
 148. 2228-2229  
 149. 2230-2231  
 150. 2232-2233  
 151. 2234-2235  
 152. 2236-2237  
 153. 2238-2239  
 154. 2240-2241  
 155. 2242-2243  
 156. 2244-2245  
 157. 2246-2247  
 158. 2248-2249  
 159. 2250-2251  
 160. 2252-2253  
 161. 2254-2255  
 162. 2256-2257  
 163. 2258-2259  
 164. 2260-2261  
 165. 2262-2263  
 166. 2264-2265  
 167. 2266-2267  
 168. 2268-2269  
 169. 2270-2271  
 170. 2272-2273  
 171. 2274-2275  
 172. 2276-2277  
 173. 2278-2279  
 174. 2280-2281  
 175. 2282-2283  
 176. 2284-2285  
 177. 2286-2287  
 178. 2288-2289  
 179. 2290-2291  
 180. 2292-2293  
 181. 2294-2295  
 182. 2296-2297  
 183. 2298-2299  
 184. 2300-2301  
 185. 2302-2303  
 186. 2304-2305  
 187. 2306-2307  
 188. 2308-2309  
 189. 2310-2311  
 190. 2312-2313  
 191. 2314-2315  
 192. 2316-2317  
 193. 2318-2319  
 194. 2320-2321  
 195. 2322-2323  
 196. 2324-2325  
 197. 2326-2327  
 198. 2328-2329  
 199. 2330-2331  
 200. 2332-2333  
 201. 2334-2335  
 202. 2336-2337  
 203. 2338-2339  
 204. 2340-2341  
 205. 2342-2343  
 206. 2344-2345  
 207. 2346-2347  
 208. 2348-2349  
 209. 2350-2351  
 210. 2352-2353  
 211. 2354-2355  
 212. 2356-2357  
 213. 2358-2359  
 214. 2360-2361  
 215. 2362-2363  
 216. 2364-2365  
 217. 2366-2367  
 218. 2368-2369  
 219. 2370-2371  
 220. 2372-2373  
 221. 2374-2375  
 222. 2376-2377  
 223. 2378-2379  
 224. 2380-238

1. *Chrysomelidae* (Colorado potato beetle)  
 2. *Curculionidae* (Colorado potato beetle)  
 3. *Curculionidae* (Colorado potato beetle)  
 4. *Curculionidae* (Colorado potato beetle)  
 5. *Curculionidae* (Colorado potato beetle)  
 6. *Curculionidae* (Colorado potato beetle)  
 7. *Curculionidae* (Colorado potato beetle)  
 8. *Curculionidae* (Colorado potato beetle)  
 9. *Curculionidae* (Colorado potato beetle)  
 10. *Curculionidae* (Colorado potato beetle)

*[Faint, illegible handwritten notes]*

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

2. The second part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

3. The third part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

4. The fourth part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

5. The fifth part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

2. The second part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

3. The third part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

4. The fourth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

5. The fifth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

6. The sixth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

7. The seventh part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

8. The eighth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

9. The ninth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

10. The tenth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. The first part of the document is a list of names and addresses, which are arranged in a columnar fashion. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list includes names such as "John Smith", "Mary Jones", and "Robert Brown", along with their respective addresses in various cities and states.

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

2. The second part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

3. The third part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

4. The fourth part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

5. The fifth part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

6. The sixth part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

7. The seventh part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

8. The eighth part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

9. The ninth part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

10. The tenth part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

1. What is the purpose of the study?  
 2. What are the research objectives?  
 3. What is the research methodology?  
 4. What are the results of the study?  
 5. What are the conclusions of the study?  
 6. What are the limitations of the study?  
 7. What are the implications of the study?  
 8. What are the future research directions?  
 9. What are the contributions of the study?  
 10. What are the key findings of the study?

[illegible]

1. Definition  
 2. Classification  
 3. Causes  
 4. Pathogenesis  
 5. Pathology  
 6. Diagnosis  
 7. Prognosis  
 8. Treatment

Scanned with CamScanner

earned with course























[illegible]



100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

396

397

398

399

400

401

402

403

404

405

406

407

408

409

410

411

412

413

414

415

416

417

418

419

420

421

422

423

424

425

426

427

428

429

430

431

432

433

434

435

436

437

438

439

440

441

442

443

444

445

446

447

448

449

450

451

452

453

454

455

456

457

458

459

460

461

462

463

464

465

466

467

468

469

470

471

472

473

474

475

476

477

478

479

480

481

482

483

484

485

486

487

488

489

490

491

492

493

494

495

496

497

498

499

500

501

502

503

504

505

506

507

508

509

510

511

512

513

514

515

516

517

518

519

520

521

522

523

524

525

526

527

528

529

530

531

532

533

534

535

536

537

538

539

540

541

542

543

544

545

546

547

548

549

550

551

552

553

554

555

556

557

558

559

560

561

562

563

564

565

566

567

568

569

570

571

572

573

574

575

576

577

578

579

580

581

582

583

584

585

586

587

588

589

590

591

592

593

594

595

596

597

598

599

600

601

602

603

604

605

606

607

608

609

610

611

<







1. *Staphylococcus aureus* (10<sup>8</sup> CFU/ml)

1. *Staphylococcus aureus* (10<sup>8</sup> CFU/ml)

1. What is the purpose of the study?  
 2. What are the research questions?  
 3. What are the hypotheses?  
 4. What are the variables?  
 5. What are the methods?



40: ...  
 41: ...  
 42: ...  
 43: ...  
 44: ...  
 45: ...  
 46: ...  
 47: ...  
 48: ...  
 49: ...  
 50: ...  
 51: ...  
 52: ...  
 53: ...  
 54: ...  
 55: ...  
 56: ...  
 57: ...  
 58: ...  
 59: ...  
 60: ...  
 61: ...  
 62: ...  
 63: ...  
 64: ...  
 65: ...  
 66: ...  
 67: ...  
 68: ...  
 69: ...  
 70: ...  
 71: ...  
 72: ...  
 73: ...  
 74: ...  
 75: ...  
 76: ...  
 77: ...  
 78: ...  
 79: ...  
 80: ...  
 81: ...  
 82: ...  
 83: ...  
 84: ...  
 85: ...  
 86: ...  
 87: ...  
 88: ...  
 89: ...  
 90: ...  
 91: ...  
 92: ...  
 93: ...  
 94: ...  
 95: ...  
 96: ...  
 97: ...  
 98: ...  
 99: ...  
 100: ...

72: ...  
 73: ...  
 74: ...  
 75: ...  
 76: ...  
 77: ...  
 78: ...  
 79: ...  
 80: ...  
 81: ...  
 82: ...  
 83: ...  
 84: ...  
 85: ...  
 86: ...  
 87: ...  
 88: ...  
 89: ...  
 90: ...  
 91: ...  
 92: ...  
 93: ...  
 94: ...  
 95: ...  
 96: ...  
 97: ...  
 98: ...  
 99: ...  
 100: ...



- 898 Which became the first foreign capital in Pakistan to have an official embassy?  
 a) China b) Russia  
 c) Japan d) USA
- 899 Which was the first ever African President to be elected to office in his country?  
 a) Kwame Nkrumah b) Jomo Kenyatta  
 c) Julius Nyerere d) Robert Mugabe
- 900 Which Prime Minister of India was elected by the Andhra Pradesh Legislative Assembly?  
 a) Yashwantrao Chavan b) Jayaprakash Narayan  
 c) Biju Patnaik d) N. T. Rama Rao
- 901 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 902 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 903 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 904 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 905 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 906 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 907 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 908 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 909 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 910 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 911 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 912 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 913 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 914 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 915 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 916 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 917 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 918 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 919 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf
- 920 Which was the first ever Pakistani President to be elected to office in his country?  
 a) Iskander Mirza b) Ayub Khan  
 c) Zia-ul-Haq d) Pervez Musharraf















[illegible][illegible][illegible]



1. Which bank was the PM 2000?  
 a) Agriculture Bank b) Industrial Bank  
 c) National Bank d) Pakistan Bank
2. Who was the last Indian emperor?  
 a) Ashoka b) Chandragupta  
 c) Harshvardhana d) Vikramaditya
3. Who was the last Indian emperor who was a ruler of the  
 18th century?  
 a) Aurangzeb b) Shah Jahan  
 c) Dara Shikoh d) Bahadur Shah
4. Who was the last Indian emperor who was a ruler of the  
 19th century?  
 a) Bahadur Shah b) Dara Shikoh  
 c) Aurangzeb d) Shah Jahan

70 20 10 10 10  
 10 10 10 10 10

## IMPORTANT QUESTIONS ASKED IN PREVIOUS PAPERS

### GENERAL KNOWLEDGE AND PAKISTAN STUDIES

1. From which country Pakistan purchased  
 the first jet?  
 a) USA b) UK  
 c) France d) Germany
2. Which provincial Chief Minister was  
 appointed on the basis of Qasbi?  
 a) Chief Minister Punjab  
 b) Chief Minister Sindh  
 c) Chief Minister Balochistan  
 d) Chief Minister Islamabad
3. Which Radio Station already existed in the  
 land of Pakistan?  
 a) Radio Pakistan b) Radio Balochistan  
 c) Radio Sindh d) Radio Punjab
4. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
5. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
6. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
7. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
8. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
9. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
10. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
11. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
12. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
13. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
14. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
15. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
16. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
17. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
18. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
19. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
20. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
21. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
22. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore
23. Which was the capital of Sindh before the  
 Pakistan?  
 a) Sukkur b) Karachi  
 c) Hyderabad d) Lahore



2014 10월 25일 00:00

[illegible][illegible][illegible][illegible]















216 What do you understand by the deepest language?  
 A. A language to study  
 B. A language to learn  
 C. A language to use  
 D. A language to teach

217 A person interested in what business is called a...  
 A. Businessman  
 B. Entrepreneur  
 C. Manager  
 D. Investor

218 To add another square, Shanghai's Grand was...  
 A. added in 1990 by  
 B. added in 1990 by  
 C. added in 1990 by  
 D. added in 1990 by

219 "Zig-zag" is the highest point of...  
 A. Zig-zag  
 B. Zig-zag  
 C. Zig-zag  
 D. Zig-zag

220 Hyperbolic functions are...  
 A. Hyperbolic  
 B. Hyperbolic  
 C. Hyperbolic  
 D. Hyperbolic

221 The sea border of the Gulf of...  
 A. Gulf of  
 B. Gulf of  
 C. Gulf of  
 D. Gulf of

222 The country which recognized...  
 A. Country  
 B. Country  
 C. Country  
 D. Country

223 The...  
 A. The  
 B. The  
 C. The  
 D. The

224 The...  
 A. The  
 B. The  
 C. The  
 D. The

225 The...  
 A. The  
 B. The  
 C. The  
 D. The

226 What...  
 A. What  
 B. What  
 C. What  
 D. What

227 About...  
 A. About  
 B. About  
 C. About  
 D. About

228 What...  
 A. What  
 B. What  
 C. What  
 D. What

229 What...  
 A. What  
 B. What  
 C. What  
 D. What

230 What...  
 A. What  
 B. What  
 C. What  
 D. What

231 What...  
 A. What  
 B. What  
 C. What  
 D. What

232 A...  
 A. A  
 B. A  
 C. A  
 D. A

233 The...  
 A. The  
 B. The  
 C. The  
 D. The

234 What...  
 A. What  
 B. What  
 C. What  
 D. What

235 What...  
 A. What  
 B. What  
 C. What  
 D. What

236 What...  
 A. What  
 B. What  
 C. What  
 D. What

237 What...  
 A. What  
 B. What  
 C. What  
 D. What

238 What...  
 A. What  
 B. What  
 C. What  
 D. What

239 What...  
 A. What  
 B. What  
 C. What  
 D. What

240 What...  
 A. What  
 B. What  
 C. What  
 D. What

241 What...  
 A. What  
 B. What  
 C. What  
 D. What

242 What...  
 A. What  
 B. What  
 C. What  
 D. What

243 What...  
 A. What  
 B. What  
 C. What  
 D. What

244 What...  
 A. What  
 B. What  
 C. What  
 D. What

245 What...  
 A. What  
 B. What  
 C. What  
 D. What

246 What...  
 A. What  
 B. What  
 C. What  
 D. What

247 What...  
 A. What  
 B. What  
 C. What  
 D. What

248 What...  
 A. What  
 B. What  
 C. What  
 D. What

249 What...  
 A. What  
 B. What  
 C. What  
 D. What

250 What...  
 A. What  
 B. What  
 C. What  
 D. What

251 What...  
 A. What  
 B. What  
 C. What  
 D. What

252 What...  
 A. What  
 B. What  
 C. What  
 D. What

253 What...  
 A. What  
 B. What  
 C. What  
 D. What

254 What...  
 A. What  
 B. What  
 C. What  
 D. What

255 What...  
 A. What  
 B. What  
 C. What  
 D. What

256 What...  
 A. What  
 B. What  
 C. What  
 D. What

257 What...  
 A. What  
 B. What  
 C. What  
 D. What

258 What...  
 A. What  
 B. What  
 C. What  
 D. What

259 What...  
 A. What  
 B. What  
 C. What  
 D. What

260 What...  
 A. What  
 B. What  
 C. What  
 D. What







21. The blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

the blue and red lines are drawn by

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner



- 460 Which of the following countries is situated on the equator?  
 (A) Tanzania (B) Mauritania  
 (C) Malawi (D) Congo
- 461 A correct priority sequence of first aid is:  
 (A) resuscitation (B) first aid  
 (C) transport (D) rest
- 462 The body temperature of a normal adult is:  
 (A) 37°C (B) 38.5°C  
 (C) 36°C (D) 37.5°C
- 463 In the biological assembly of proteins, the amino acid sequence is:  
 (A) 1 (B) 10 (C) 100 (D) 1000
- 464 The natural habitat of Pteropus is:  
 (A) Australia (B) Pakistan  
 (C) India (D) North America
- 465 Famous Pithoragarh was the birthplace of:  
 (A) Mahatma (B) Mahatma  
 (C) Mahatma (D) Mahatma
- 466 The Chairman of the Council of Ministers is:  
 (A) Prime Minister (B) Chief Minister  
 (C) Deputy Prime Minister (D) Deputy Minister
- 467 Anticancer drugs are:  
 (A) Cytotoxic (B) Cytotoxic  
 (C) Cytotoxic (D) Cytotoxic
- 468 The highest order of life is:  
 (A) Invertebrate (B) Vertebrate  
 (C) Invertebrate (D) Vertebrate
- 469 The original language of the Bible is:  
 (A) Hebrew (B) Greek  
 (C) Latin (D) Sanskrit
- 470 The latest country to become a member of the United Nations is:  
 (A) South Sudan (B) South Sudan  
 (C) South Sudan (D) South Sudan
- 471 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 472 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 473 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 474 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 475 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 476 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 477 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 478 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 479 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 480 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump

- 481 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 482 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 483 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 484 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 485 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 486 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 487 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 488 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 489 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 490 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 491 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 492 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 493 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 494 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 495 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 496 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 497 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 498 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 499 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump
- 500 The President of the United States is:  
 (A) Joe Biden (B) Donald Trump  
 (C) Joe Biden (D) Donald Trump



Scanned with CamScanner

Scanned with CamScanner



101)  $\frac{1}{2} \log_2 16 = 2$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   
 102)  $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   
 103)  $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   
 104)  $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   
 105)  $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   
 106)  $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   
 107)  $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   
 108)  $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   
 109)  $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   
 110)  $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$   $\log_2 16 = 4$







Wishes is characterized by the mixing of

61. Which of the following is not a characteristic of a eukaryotic cell?
  - A. 70S ribosomes
  - B. Mitochondria
  - C. Nucleus
  - D. Endoplasmic reticulum
62. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids
63. Which of the following is not a function of the Golgi apparatus?
  - A. Synthesis of proteins
  - B. Modification of proteins
  - C. Sorting of proteins
  - D. Synthesis of lipids
64. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids
65. Which of the following is not a function of the Golgi apparatus?
  - A. Synthesis of proteins
  - B. Modification of proteins
  - C. Sorting of proteins
  - D. Synthesis of lipids
66. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids
67. Which of the following is not a function of the Golgi apparatus?
  - A. Synthesis of proteins
  - B. Modification of proteins
  - C. Sorting of proteins
  - D. Synthesis of lipids
68. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids
69. Which of the following is not a function of the Golgi apparatus?
  - A. Synthesis of proteins
  - B. Modification of proteins
  - C. Sorting of proteins
  - D. Synthesis of lipids
70. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids
71. Which of the following is not a function of the Golgi apparatus?
  - A. Synthesis of proteins
  - B. Modification of proteins
  - C. Sorting of proteins
  - D. Synthesis of lipids
72. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids
73. Which of the following is not a function of the Golgi apparatus?
  - A. Synthesis of proteins
  - B. Modification of proteins
  - C. Sorting of proteins
  - D. Synthesis of lipids
74. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids
75. Which of the following is not a function of the Golgi apparatus?
  - A. Synthesis of proteins
  - B. Modification of proteins
  - C. Sorting of proteins
  - D. Synthesis of lipids
76. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids
77. Which of the following is not a function of the Golgi apparatus?
  - A. Synthesis of proteins
  - B. Modification of proteins
  - C. Sorting of proteins
  - D. Synthesis of lipids
78. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids
79. Which of the following is not a function of the Golgi apparatus?
  - A. Synthesis of proteins
  - B. Modification of proteins
  - C. Sorting of proteins
  - D. Synthesis of lipids
80. The main function of the Golgi apparatus is to:
  - A. synthesize proteins
  - B. modify and sort proteins
  - C. synthesize lipids
  - D. synthesize nucleic acids



100 effect of the following categories of items

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

100

Very Good

Figure 1. Schematic diagram of the experimental setup.

1. *... ..*  
 2. *... ..*

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: a control group and an experimental group. The control group received a standard dose of 10 mg/kg of morphine, while the experimental group received a higher dose of 20 mg/kg. The subjects were then subjected to a series of tests, including a pre-test, a post-test, and a follow-up test. The results of the tests were analyzed using a two-way ANOVA.

1. The first step is to identify the key components of the system. This includes understanding the hardware, software, and data involved. For example, in a web application, this might involve identifying the server, database, and client-side code.

... ..  
... ..  
... ..

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1992

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

22. 2. 1. A. 21.

تاریخ: ۱۳۸۵/۰۵/۰۵  
محل: تهران

10. The following table shows the number of people who attended the concert in each age group.

10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$   
 $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{y}} \right) = \frac{\partial L}{\partial y}$   
 $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{z}} \right) = \frac{\partial L}{\partial z}$   
 $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{\theta}} \right) = \frac{\partial L}{\partial \theta}$   
 $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{\phi}} \right) = \frac{\partial L}{\partial \phi}$   
 $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{\psi}} \right) = \frac{\partial L}{\partial \psi}$

$\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$   
 $\frac{1}{4} \cdot \frac{1}{4} = \frac{1}{16}$   
 $\frac{1}{16} \cdot \frac{1}{16} = \frac{1}{256}$   
 $\frac{1}{256} \cdot \frac{1}{256} = \frac{1}{65536}$   
 $\frac{1}{65536} \cdot \frac{1}{65536} = \frac{1}{4294967296}$

1.  $\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$
2.  $\frac{1}{2} \frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$

14.  $\frac{1}{2} \ln 2, \frac{1}{2}$   
 15.  $\ln 2, \ln 2$   
 16.  $\ln 2, \ln 2$   
 17.  $\ln 2, \ln 2$   
 18.  $\ln 2, \ln 2$   
 19.  $\ln 2, \ln 2$   
 20.  $\ln 2, \ln 2$   
 21.  $\ln 2, \ln 2$   
 22.  $\ln 2, \ln 2$   
 23.  $\ln 2, \ln 2$   
 24.  $\ln 2, \ln 2$   
 25.  $\ln 2, \ln 2$   
 26.  $\ln 2, \ln 2$   
 27.  $\ln 2, \ln 2$   
 28.  $\ln 2, \ln 2$   
 29.  $\ln 2, \ln 2$   
 30.  $\ln 2, \ln 2$   
 31.  $\ln 2, \ln 2$   
 32.  $\ln 2, \ln 2$   
 33.  $\ln 2, \ln 2$   
 34.  $\ln 2, \ln 2$   
 35.  $\ln 2, \ln 2$   
 36.  $\ln 2, \ln 2$   
 37.  $\ln 2, \ln 2$   
 38.  $\ln 2, \ln 2$   
 39.  $\ln 2, \ln 2$   
 40.  $\ln 2, \ln 2$   
 41.  $\ln 2, \ln 2$   
 42.  $\ln 2, \ln 2$   
 43.  $\ln 2, \ln 2$   
 44.  $\ln 2, \ln 2$   
 45.  $\ln 2, \ln 2$   
 46.  $\ln 2, \ln 2$   
 47.  $\ln 2, \ln 2$   
 48.  $\ln 2, \ln 2$   
 49.  $\ln 2, \ln 2$   
 50.  $\ln 2, \ln 2$   
 51.  $\ln 2, \ln 2$   
 52.  $\ln 2, \ln 2$   
 53.  $\ln 2, \ln 2$   
 54.  $\ln 2, \ln 2$   
 55.  $\ln 2, \ln 2$   
 56.  $\ln 2, \ln 2$   
 57.  $\ln 2, \ln 2$   
 58.  $\ln 2, \ln 2$   
 59.  $\ln 2, \ln 2$   
 60.  $\ln 2, \ln 2$   
 61.  $\ln 2, \ln 2$   
 62.  $\ln 2, \ln 2$   
 63.  $\ln 2, \ln 2$   
 64.  $\ln 2, \ln 2$   
 65.  $\ln 2, \ln 2$   
 66.  $\ln 2, \ln 2$   
 67.  $\ln 2, \ln 2$   
 68.  $\ln 2, \ln 2$   
 69.  $\ln 2, \ln 2$   
 70.  $\ln 2, \ln 2$   
 71.  $\ln 2, \ln 2$   
 72.  $\ln 2, \ln 2$   
 73.  $\ln 2, \ln 2$   
 74.  $\ln 2, \ln 2$   
 75.  $\ln 2, \ln 2$   
 76.  $\ln 2, \ln 2$   
 77.  $\ln 2, \ln 2$   
 78.  $\ln 2, \ln 2$   
 79.  $\ln 2, \ln 2$   
 80.  $\ln 2, \ln 2$   
 81.  $\ln 2, \ln 2$   
 82.  $\ln 2, \ln 2$   
 83.  $\ln 2, \ln 2$   
 84.  $\ln 2, \ln 2$   
 85.  $\ln 2, \ln 2$   
 86.  $\ln 2, \ln 2$   
 87.  $\ln 2, \ln 2$   
 88.  $\ln 2, \ln 2$   
 89.  $\ln 2, \ln 2$   
 90.  $\ln 2, \ln 2$   
 91.  $\ln 2, \ln 2$   
 92.  $\ln 2, \ln 2$   
 93.  $\ln 2, \ln 2$   
 94.  $\ln 2, \ln 2$   
 95.  $\ln 2, \ln 2$   
 96.  $\ln 2, \ln 2$   
 97.  $\ln 2, \ln 2$   
 98.  $\ln 2, \ln 2$   
 99.  $\ln 2, \ln 2$   
 100.  $\ln 2, \ln 2$

[illegible]

g) The legend of Shakti India was started in  
Calcutta in India in  
A.D. 1921  
A.D. 1922

1. *What is the purpose of the study?*  
 2. *What are the research questions?*  
 3. *What is the significance of the study?*  
 4. *What are the limitations of the study?*  
 5. *What are the conclusions of the study?*

1. Definition  
 2. Classification  
 3. Causes  
 4. Pathogenesis  
 5. Pathology  
 6. Diagnosis  
 7. Prognosis  
 8. Treatment

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

[illegible][illegible]

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[illegible]

Figure 1: A schematic diagram of a 1D chain of particles. The chain is represented by a horizontal line with several dots representing particles. Above the line, there are labels for 'x' and 'y' coordinates. Below the line, there are labels for 'z' and 'w' coordinates. The chain is labeled '1D chain' and 'N particles'.

a.  $\frac{1}{2} \text{ mole}$   $\frac{1}{2} \text{ mole}$   
 b.  $\frac{1}{2} \text{ mole}$   $\frac{1}{2} \text{ mole}$   
 c.  $\frac{1}{2} \text{ mole}$   $\frac{1}{2} \text{ mole}$   
 d.  $\frac{1}{2} \text{ mole}$   $\frac{1}{2} \text{ mole}$







+ of the following details in  
all items

Name \_\_\_\_\_ Date \_\_\_\_\_  
 of \_\_\_\_\_  
 P1 100

\*61 The process by which plants produce sugar and starch by means of sunlight is known as

1.  $\frac{1}{2} \cdot \frac{1}{2} = \frac{1}{4}$  (Probability of getting two heads) =  $\frac{1}{4}$

143 The South American Air Defense Command is  
not to be confused with the

Which of the following is NOT a reflection of

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. The first group of people who are not in the labor force are those who are not in the labor force because they are not in the labor force.

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

101 The 19th century American landscape  
photography as seen in a painting of the  
Century  
11. The 19th century American landscape  
photography as seen in a painting of the  
Century

1990

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

*[Faint handwritten notes at the bottom of the page]*

1. The first part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into columns, with names in the first column and dates in the second column.

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1000

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   | + |   |   | 9 | b | 7 | b | B |
| 4 | 1 | . | D | 2 | c | 8 | i | H |
|   | + |   | e |   | f | A | r |   |

9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043

1. The first step is to identify the problem.

1. The first step is to identify the problem or question that needs to be answered.

1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl a is essential for the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy in the form of ATP and NADPH.

1. Introduction  
 2. Background  
 3. Methodology  
 4. Results  
 5. Conclusion  
 6. References  
 7. Appendix  
 8. Glossary  
 9. Index  
 10. Summary  
 11. Abstract  
 12. Keywords  
 13. Subject  
 14. Topic  
 15. Field  
 16. Area  
 17. Discipline  
 18. Branch  
 19. Department  
 20. Institute  
 21. University  
 22. College  
 23. School  
 24. Academy  
 25. Association  
 26. Organization  
 27. Committee  
 28. Board  
 29. Panel  
 30. Task Force  
 31. Working Group  
 32. Task Force  
 33. Task Force  
 34. Task Force  
 35. Task Force  
 36. Task Force  
 37. Task Force  
 38. Task Force  
 39. Task Force  
 40. Task Force  
 41. Task Force  
 42. Task Force  
 43. Task Force  
 44. Task Force  
 45. Task Force  
 46. Task Force  
 47. Task Force  
 48. Task Force  
 49. Task Force  
 50. Task Force  
 51. Task Force  
 52. Task Force  
 53. Task Force  
 54. Task Force  
 55. Task Force  
 56. Task Force  
 57. Task Force  
 58. Task Force  
 59. Task Force  
 60. Task Force  
 61. Task Force  
 62. Task Force  
 63. Task Force  
 64. Task Force  
 65. Task Force  
 66. Task Force  
 67. Task Force  
 68. Task Force  
 69. Task Force  
 70. Task Force  
 71. Task Force  
 72. Task Force  
 73. Task Force  
 74. Task Force  
 75. Task Force  
 76. Task Force  
 77. Task Force  
 78. Task Force  
 79. Task Force  
 80. Task Force  
 81. Task Force  
 82. Task Force  
 83. Task Force  
 84. Task Force  
 85. Task Force  
 86. Task Force  
 87. Task Force  
 88. Task Force  
 89. Task Force  
 90. Task Force  
 91. Task Force  
 92. Task Force  
 93. Task Force  
 94. Task Force  
 95. Task Force  
 96. Task Force  
 97. Task Force  
 98. Task Force  
 99. Task Force  
 100. Task Force

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

→ Die

1000

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

100

Scanned with CamScanner



|     |   |     |   |     |   |     |   |     |   |     |   |     |   |     |   |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 66  | c | 111 | d | 157 | e | 263 | a | 348 | d | 398 | e | 341 | b | 387 | a |
| 68  | c | 112 | e | 186 | b | 264 | a | 350 | b | 399 | e | 342 | c | 388 | d |
| 67  | a | 113 | b | 196 | b | 303 | b | 351 | e | 397 | e | 343 | b | 389 | e |
| 68  | b | 114 | b | 180 | b | 208 | c | 352 | b | 398 | e | 344 | c | 390 | e |
| 69  | b | 115 | c | 181 | e | 207 | c | 353 | b | 399 | e | 345 | c | 391 | c |
| 70  | b | 116 | c | 182 | c | 308 | b | 354 | b | 398 | e | 346 | b | 392 | c |
| 71  | b | 117 | c | 183 | a | 209 | d | 355 | b | 397 | e | 347 | b | 393 | d |
| 72  | b | 118 | b | 184 | a | 216 | b | 356 | b | 398 | e | 348 | b | 394 | d |
| 73  | b | 119 | b | 185 | b | 211 | c | 357 | b | 399 | e | 349 | b | 395 | d |
| 74  | b | 120 | c | 186 | c | 212 | c | 358 | b | 398 | e | 350 | c | 396 | d |
| 75  | b | 121 | c | 187 | c | 213 | a | 359 | b | 397 | e | 351 | c | 397 | c |
| 76  | b | 122 | c | 188 | b | 214 | b | 360 | b | 398 | e | 352 | c | 398 | c |
| 77  | b | 123 | c | 189 | b | 215 | b | 361 | c | 397 | e | 353 | c | 399 | c |
| 78  | b | 124 | c | 190 | d | 216 | a | 362 | b | 398 | e | 354 | b | 400 | a |
| 79  | c | 125 | d | 191 | c | 217 | c | 363 | a | 399 | e | 355 | b | 401 | a |
| 80  | c | 126 | b | 192 | a | 218 | b | 364 | b | 398 | e | 356 | b | 402 | a |
| 81  | c | 127 | b | 193 | d | 219 | b | 365 | b | 397 | e | 357 | b | 403 | a |
| 82  | c | 128 | a | 194 | b | 220 | c | 366 | b | 398 | e | 358 | b | 404 | a |
| 83  | c | 129 | a | 195 | b | 221 | c | 367 | b | 397 | e | 359 | b | 405 | a |
| 84  | c | 130 | a | 196 | b | 222 | c | 368 | b | 398 | e | 360 | b | 406 | a |
| 85  | c | 131 | c | 197 | b | 223 | a | 369 | b | 397 | e | 361 | b | 407 | a |
| 86  | c | 132 | b | 198 | b | 224 | b | 370 | b | 398 | e | 362 | b | 408 | a |
| 87  | c | 133 | a | 199 | b | 225 | b | 371 | b | 397 | e | 363 | b | 409 | a |
| 88  | c | 134 | a | 200 | b | 226 | b | 372 | b | 398 | e | 364 | b | 410 | a |
| 89  | c | 135 | b | 201 | c | 227 | b | 373 | a | 399 | e | 365 | b | 411 | a |
| 90  | c | 136 | b | 202 | b | 228 | b | 374 | c | 398 | e | 366 | b | 412 | a |
| 91  | c | 137 | d | 203 | b | 229 | b | 375 | c | 397 | e | 367 | b | 413 | a |
| 92  | c | 138 | b | 204 | d | 230 | a | 376 | b | 398 | e | 368 | b | 414 | a |
| 93  | c | 139 | b | 205 | d | 231 | c | 377 | b | 397 | e | 369 | b | 415 | a |
| 94  | c | 140 | d | 206 | a | 232 | d | 378 | b | 398 | e | 370 | b | 416 | a |
| 95  | c | 141 | c | 207 | b | 233 | c | 379 | b | 397 | e | 371 | b | 417 | a |
| 96  | c | 142 | b | 208 | b | 234 | b | 380 | b | 398 | e | 372 | b | 418 | a |
| 97  | c | 143 | c | 209 | b | 235 | c | 381 | b | 397 | e | 373 | b | 419 | a |
| 98  | c | 144 | c | 210 | b | 236 | c | 382 | b | 398 | e | 374 | b | 420 | a |
| 99  | c | 145 | d | 211 | c | 237 | a | 383 | b | 397 | e | 375 | b | 421 | a |
| 100 | c | 146 | a | 212 | d | 238 | b | 384 | b | 398 | e | 376 | b | 422 | a |
| 101 | c | 147 | c | 213 | b | 239 | b | 385 | b | 397 | e | 377 | b | 423 | a |
| 102 | c | 148 | a | 214 | b | 240 | b | 386 | b | 398 | e | 378 | b | 424 | a |
| 103 | c | 149 | a | 215 | b | 241 | b | 387 | b | 397 | e | 379 | b | 425 | a |
| 104 | c | 150 | b | 216 | c | 242 | c | 388 | b | 398 | e | 380 | b | 426 | a |
| 105 | c | 151 | c | 217 | c | 243 | c | 389 | b | 397 | e | 381 | b | 427 | a |
| 106 | c | 152 | b | 218 | c | 244 | c | 390 | b | 398 | e | 382 | b | 428 | a |
| 107 | c | 153 | a | 219 | a | 245 | c | 391 | b | 397 | e | 383 | b | 429 | a |
| 108 | c | 154 | a | 220 | d | 246 | c | 392 | b | 398 | e | 384 | b | 430 | a |
| 109 | c | 155 | b | 221 | b | 247 | c | 393 | b | 397 | e | 385 | b | 431 | a |
| 110 | c | 156 | b | 222 | b | 248 | c | 394 | b | 398 | e | 386 | b | 432 | a |

|     |   |     |   |     |   |     |   |     |   |     |   |     |   |     |   |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 453 | a | 478 | b | 518 | d | 561 | c | 601 | b | 641 | c | 681 | c | 721 | d |
| 454 | b | 477 | a | 519 | c | 562 | c | 602 | c | 642 | c | 682 | c | 722 | d |
| 455 | b | 478 | b | 520 | c | 563 | c | 603 | c | 643 | c | 683 | c | 723 | d |
| 456 | b | 479 | c | 521 | c | 564 | c | 604 | c | 644 | c | 684 | c | 724 | d |
| 457 | b | 480 | c | 522 | c | 565 | c | 605 | c | 645 | c | 685 | c | 725 | d |
| 458 | b | 481 | d | 523 | c | 566 | c | 606 | c | 646 | c | 686 | c | 726 | d |
| 459 | b | 482 | d | 524 | c | 567 | c | 607 | c | 647 | c | 687 | c | 727 | d |
| 460 | b | 483 | d | 525 | c | 568 | c | 608 | c | 648 | c | 688 | c | 728 | d |
| 461 | b | 484 | d | 526 | c | 569 | c | 609 | c | 649 | c | 689 | c | 729 | d |
| 462 | b | 485 | a | 527 | c | 570 | c | 610 | c | 650 | c | 690 | c | 730 | d |
| 463 | b | 486 | a | 528 | c | 571 | c | 611 | c | 651 | c | 691 | c | 731 | d |
| 464 | b | 487 | a | 529 | c | 572 | c | 612 | c | 652 | c | 692 | c | 732 | d |
| 465 | b | 488 | c | 530 | c | 573 | c | 613 | c | 653 | c | 693 | c | 733 | d |
| 466 | b | 489 | c | 531 | c | 574 | c | 614 | c | 654 | c | 694 | c | 734 | d |
| 467 | b | 490 | c | 532 | c | 575 | c | 615 | c | 655 | c | 695 | c | 735 | d |
| 468 | b | 491 | d | 533 | c | 576 | c | 616 | c | 656 | c | 696 | c | 736 | d |
| 469 | b | 492 | d | 534 | c | 577 | c | 617 | c | 657 | c | 697 | c | 737 | d |
| 470 | b | 493 | d | 535 | c | 578 | c | 618 | c | 658 | c | 698 | c | 738 | d |
| 471 | b | 494 | c | 536 | c | 579 | c | 619 | c | 659 | c | 699 | c | 739 | d |
| 472 | b | 495 | c | 537 | c | 580 | c | 620 | c | 660 | c | 700 | c | 740 | d |
| 473 | b | 496 | c | 538 | c | 581 | c | 621 | c | 661 | c | 701 | c | 741 | d |
| 474 | b | 497 | c | 539 | c | 582 | c | 622 | c | 662 | c | 702 | c | 742 | d |
| 475 | b | 498 | c | 540 | c | 583 | c | 623 | c | 663 | c | 703 | c | 743 | d |
| 476 | b | 499 | c | 541 | c | 584 | c | 624 | c | 664 | c | 704 | c | 744 | d |
| 477 | b | 500 | c | 542 | c | 585 | c | 625 | c | 665 | c | 705 | c | 745 | d |
| 478 | b | 501 | d | 543 | c | 586 | c | 626 | c | 666 | c | 706 | c | 746 | d |
| 479 | b | 502 | d | 544 | c | 587 | c | 627 | c | 667 | c | 707 | c | 747 | d |
| 480 | b | 503 | d | 545 | c | 588 | c | 628 | c | 668 | c | 708 | c | 748 | d |
| 481 | b | 504 | d | 546 | c | 589 | c | 629 | c | 669 | c | 709 | c | 749 | d |
| 482 | b | 505 | d | 547 | c | 590 | c | 630 | c | 670 | c | 710 | c | 750 | d |
| 483 | b | 506 | d | 548 | c | 591 | c | 631 | c | 671 | c | 711 | c | 751 | d |
| 484 | b | 507 | b | 549 | c | 592 | c | 632 | c | 672 | c | 712 | c | 752 | d |
| 485 | b | 508 | b | 550 | c | 593 | c | 633 | c | 673 | c | 713 | c | 753 | d |
| 486 | b | 509 | b | 551 | c | 594 | c | 634 | c | 674 | c | 714 | c | 754 | d |
| 487 | b | 510 | b | 552 | c | 595 | c | 635 | c | 675 | c | 715 | c | 755 | d |
| 488 | b | 511 | b | 553 | c | 596 | c | 636 | c | 676 | c | 716 | c | 756 | d |
| 489 | b | 512 | b | 554 | c | 597 | c | 637 | c | 677 | c | 717 | c | 757 | d |
| 490 | b | 513 | b | 555 | c | 598 | c | 638 | c | 678 | c | 718 | c | 758 | d |
| 491 | b | 514 | b | 556 | c | 599 | c | 639 | c | 679 | c | 719 | c | 759 | d |
| 492 | b | 515 | b | 557 | c | 600 | c | 640 | c | 680 | c | 720 | c | 760 | d |
| 493 | b | 516 | b | 558 | c | 601 | c | 641 | c | 681 | c | 721 | c | 761 | d |
| 494 | b | 517 | b | 559 | c | 602 | c | 642 | c | 682 | c | 722 | c | 762 | d |
| 495 | b | 518 | b | 560 | c | 603 | c | 643 | c | 683 | c | 723 | c | 763 | d |
| 496 | b | 519 | b | 561 | c | 604 | c | 644 | c | 684 | c | 724 | c | 764 | d |
| 497 | b | 520 | b | 562 | c | 605 | c | 645 | c | 685 | c | 725 | c | 765 | d |
| 498 | b | 521 | b | 563 | c | 606 | c | 646 | c | 686 | c | 726 | c | 766 | d |
| 499 | b | 522 | b | 564 | c | 607 | c | 647 | c | 687 | c | 727 | c | 767 | d |
| 500 | b | 523 | b | 565 | c | 608 | c | 648 | c | 688 | c | 728 | c | 768 | d |
| 501 | b | 524 | b | 566 | c | 609 | c | 649 | c | 689 | c | 729 | c | 769 | d |
| 502 | b | 525 | b | 567 | c | 610 | c | 650 | c | 690 | c | 730 | c | 770 | d |
| 503 | b | 526 | b | 568 | c | 611 | c | 651 | c | 691 | c | 731 | c | 771 | d |
| 504 | b | 527 | b | 569 | c | 612 | c | 652 | c | 692 | c | 732 | c | 772 | d |
| 505 | b | 528 | b | 570 | c | 613 | c | 653 | c | 693 | c | 733 | c | 773 | d |
| 506 | b | 529 | b | 571 | c | 614 | c | 654 | c | 694 | c | 734 | c | 774 | d |
| 507 | b | 530 | b | 572 | c | 615 | c | 655 | c | 695 | c | 735 | c | 775 | d |
| 508 | b | 531 | b | 573 | c | 616 | c | 656 | c | 696 | c | 736 | c | 776 | d |
| 509 | b | 532 | b | 574 | c | 617 | c | 657 | c | 697 | c | 737 | c | 777 | d |
| 510 | b | 533 | b | 575 | c | 618 | c | 658 | c | 698 | c | 738 | c | 778 | d |
| 511 | b | 534 | b | 576 | c | 619 | c | 659 | c | 699 | c | 739 | c | 779 | d |
| 512 | b | 535 | b | 577 | c | 620 | c | 660 | c | 700 | c | 740 | c | 780 | d |
| 513 | b | 536 | b | 578 | c | 621 | c | 661 | c | 701 | c | 741 | c | 781 | d |
| 514 | b | 537 | b | 579 | c | 622 | c | 662 | c | 702 | c | 742 | c | 782 | d |
| 515 | b | 538 | b | 580 | c | 623 | c | 663 | c | 703 | c | 743 | c | 783 | d |
| 516 | b | 539 | b | 581 | c | 624 | c | 664 | c | 704 | c | 744 | c | 784 | d |
| 517 | b | 540 | b | 582 | c | 625 | c | 665 | c | 705 | c | 745 | c | 785 | d |
| 518 | b | 541 | b | 583 | c | 626 | c | 666 | c | 706 | c | 746 | c | 786 | d |
| 519 | b | 542 | b | 584 | c | 627 | c | 667 | c | 707 | c | 747 | c | 787 | d |



# ISLAMIYAT

1. The first month of the Islamic calendar is ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
2. The Kaaba is located in ...  
A. Mecca B. Medina C. Jerusalem D. Baghdad
3. The Prophet Muhammad (PBUH) was born in ...  
A. Mecca B. Medina C. Jerusalem D. Baghdad
4. The first revelation of the Quran came to the Prophet Muhammad (PBUH) in ...  
A. Mecca B. Medina C. Jerusalem D. Baghdad
5. The month of Ramadan is the month of ...  
A. Fasting B. Pilgrimage C. Charity D. Hajj
6. The festival of Eid-ul-Fitr is celebrated at the end of ...  
A. Ramadan B. Shawwal C. Muharram D. Rabi-ul-Thani
7. The festival of Eid-ul-Adha is celebrated on the 10th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
8. The festival of Ashura is celebrated on the 10th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
9. The festival of Tabaski is celebrated on the 10th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
10. The festival of Bakra Eid is celebrated on the 10th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal

11. The festival of Nauruz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
12. The festival of Chaharshanbeh Suri is celebrated on the 4th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
13. The festival of Nowruz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
14. The festival of Yalda is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
15. The festival of Norouz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
16. The festival of Chaharshanbeh Suri is celebrated on the 4th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
17. The festival of Nowruz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
18. The festival of Yalda is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
19. The festival of Norouz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
20. The festival of Chaharshanbeh Suri is celebrated on the 4th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal

21. The festival of Nowruz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
22. The festival of Chaharshanbeh Suri is celebrated on the 4th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
23. The festival of Nowruz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
24. The festival of Yalda is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
25. The festival of Norouz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
26. The festival of Chaharshanbeh Suri is celebrated on the 4th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
27. The festival of Nowruz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
28. The festival of Yalda is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
29. The festival of Norouz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
30. The festival of Chaharshanbeh Suri is celebrated on the 4th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal

31. The festival of Nowruz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
32. The festival of Chaharshanbeh Suri is celebrated on the 4th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
33. The festival of Nowruz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
34. The festival of Yalda is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
35. The festival of Norouz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
36. The festival of Chaharshanbeh Suri is celebrated on the 4th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
37. The festival of Nowruz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
38. The festival of Yalda is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
39. The festival of Norouz is celebrated on the 21st day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal
40. The festival of Chaharshanbeh Suri is celebrated on the 4th day of ...  
A. Muharram B. Rabi-ul-Thani C. Rajab D. Shawwal



[illegible][illegible]

1. What is the purpose of the study?  
 The purpose of the study is to determine the effect of the independent variable on the dependent variable.

2. What are the research objectives?  
 The research objectives are to identify the relationship between the independent variable and the dependent variable.

3. What is the research hypothesis?  
 The research hypothesis is that there is a significant positive relationship between the independent variable and the dependent variable.

4. What are the independent and dependent variables?  
 The independent variable is the variable that is manipulated or controlled by the researcher. The dependent variable is the variable that is measured or observed.

5. What is the research design?  
 The research design is a plan or blueprint for the study that outlines the methods and procedures to be used.

6. What are the data collection methods?  
 The data collection methods are the techniques used to gather information or data for the study.

7. What are the data analysis methods?  
 The data analysis methods are the statistical techniques used to analyze the data and draw conclusions.

8. What are the conclusions?  
 The conclusions are the findings or results of the study that answer the research objectives.

9. What are the limitations of the study?  
 The limitations of the study are the factors that may have influenced the results or the generalizability of the findings.

10. What are the recommendations for future research?  
 The recommendations for future research are suggestions for further studies that build on the findings of the current study.



[illegible]







# ENGLISH

|                            |                           |                            |                            |
|----------------------------|---------------------------|----------------------------|----------------------------|
| 1. I am a student.         | 2. I am a teacher.        | 3. I am a doctor.          | 4. I am a nurse.           |
| 5. I am a lawyer.          | 6. I am a writer.         | 7. I am a singer.          | 8. I am a dancer.          |
| 9. I am a pilot.           | 10. I am a scientist.     | 11. I am an engineer.      | 12. I am an architect.     |
| 13. I am a farmer.         | 14. I am a fisherman.     | 15. I am a chef.           | 16. I am a waiter.         |
| 17. I am a clerk.          | 18. I am a receptionist.  | 19. I am a salesperson.    | 20. I am a customer.       |
| 21. I am a friend.         | 22. I am a neighbor.      | 23. I am a colleague.      | 24. I am a partner.        |
| 25. I am a brother.        | 26. I am a sister.        | 27. I am a son.            | 28. I am a daughter.       |
| 29. I am a father.         | 30. I am a mother.        | 31. I am a grandfather.    | 32. I am a grandmother.    |
| 33. I am a uncle.          | 34. I am an aunt.         | 35. I am a cousin.         | 36. I am a nephew.         |
| 37. I am a niece.          | 38. I am a nephew.        | 39. I am a niece.          | 40. I am a nephew.         |
| 41. I am a brother-in-law. | 42. I am a sister-in-law. | 43. I am a brother-in-law. | 44. I am a sister-in-law.  |
| 45. I am a brother-in-law. | 46. I am a sister-in-law. | 47. I am a brother-in-law. | 48. I am a sister-in-law.  |
| 49. I am a brother-in-law. | 50. I am a sister-in-law. | 51. I am a brother-in-law. | 52. I am a sister-in-law.  |
| 53. I am a brother-in-law. | 54. I am a sister-in-law. | 55. I am a brother-in-law. | 56. I am a sister-in-law.  |
| 57. I am a brother-in-law. | 58. I am a sister-in-law. | 59. I am a brother-in-law. | 60. I am a sister-in-law.  |
| 61. I am a brother-in-law. | 62. I am a sister-in-law. | 63. I am a brother-in-law. | 64. I am a sister-in-law.  |
| 65. I am a brother-in-law. | 66. I am a sister-in-law. | 67. I am a brother-in-law. | 68. I am a sister-in-law.  |
| 69. I am a brother-in-law. | 70. I am a sister-in-law. | 71. I am a brother-in-law. | 72. I am a sister-in-law.  |
| 73. I am a brother-in-law. | 74. I am a sister-in-law. | 75. I am a brother-in-law. | 76. I am a sister-in-law.  |
| 77. I am a brother-in-law. | 78. I am a sister-in-law. | 79. I am a brother-in-law. | 80. I am a sister-in-law.  |
| 81. I am a brother-in-law. | 82. I am a sister-in-law. | 83. I am a brother-in-law. | 84. I am a sister-in-law.  |
| 85. I am a brother-in-law. | 86. I am a sister-in-law. | 87. I am a brother-in-law. | 88. I am a sister-in-law.  |
| 89. I am a brother-in-law. | 90. I am a sister-in-law. | 91. I am a brother-in-law. | 92. I am a sister-in-law.  |
| 93. I am a brother-in-law. | 94. I am a sister-in-law. | 95. I am a brother-in-law. | 96. I am a sister-in-law.  |
| 97. I am a brother-in-law. | 98. I am a sister-in-law. | 99. I am a brother-in-law. | 100. I am a sister-in-law. |

|                            |                           |                            |                            |
|----------------------------|---------------------------|----------------------------|----------------------------|
| 1. I am a student.         | 2. I am a teacher.        | 3. I am a doctor.          | 4. I am a nurse.           |
| 5. I am a lawyer.          | 6. I am a writer.         | 7. I am a singer.          | 8. I am a dancer.          |
| 9. I am a pilot.           | 10. I am a scientist.     | 11. I am an engineer.      | 12. I am an architect.     |
| 13. I am a farmer.         | 14. I am a fisherman.     | 15. I am a chef.           | 16. I am a waiter.         |
| 17. I am a clerk.          | 18. I am a receptionist.  | 19. I am a salesperson.    | 20. I am a customer.       |
| 21. I am a friend.         | 22. I am a neighbor.      | 23. I am a colleague.      | 24. I am a partner.        |
| 25. I am a brother.        | 26. I am a sister.        | 27. I am a son.            | 28. I am a daughter.       |
| 29. I am a father.         | 30. I am a mother.        | 31. I am a grandfather.    | 32. I am a grandmother.    |
| 33. I am a uncle.          | 34. I am an aunt.         | 35. I am a cousin.         | 36. I am a nephew.         |
| 37. I am a niece.          | 38. I am a nephew.        | 39. I am a niece.          | 40. I am a nephew.         |
| 41. I am a brother-in-law. | 42. I am a sister-in-law. | 43. I am a brother-in-law. | 44. I am a sister-in-law.  |
| 45. I am a brother-in-law. | 46. I am a sister-in-law. | 47. I am a brother-in-law. | 48. I am a sister-in-law.  |
| 49. I am a brother-in-law. | 50. I am a sister-in-law. | 51. I am a brother-in-law. | 52. I am a sister-in-law.  |
| 53. I am a brother-in-law. | 54. I am a sister-in-law. | 55. I am a brother-in-law. | 56. I am a sister-in-law.  |
| 57. I am a brother-in-law. | 58. I am a sister-in-law. | 59. I am a brother-in-law. | 60. I am a sister-in-law.  |
| 61. I am a brother-in-law. | 62. I am a sister-in-law. | 63. I am a brother-in-law. | 64. I am a sister-in-law.  |
| 65. I am a brother-in-law. | 66. I am a sister-in-law. | 67. I am a brother-in-law. | 68. I am a sister-in-law.  |
| 69. I am a brother-in-law. | 70. I am a sister-in-law. | 71. I am a brother-in-law. | 72. I am a sister-in-law.  |
| 73. I am a brother-in-law. | 74. I am a sister-in-law. | 75. I am a brother-in-law. | 76. I am a sister-in-law.  |
| 77. I am a brother-in-law. | 78. I am a sister-in-law. | 79. I am a brother-in-law. | 80. I am a sister-in-law.  |
| 81. I am a brother-in-law. | 82. I am a sister-in-law. | 83. I am a brother-in-law. | 84. I am a sister-in-law.  |
| 85. I am a brother-in-law. | 86. I am a sister-in-law. | 87. I am a brother-in-law. | 88. I am a sister-in-law.  |
| 89. I am a brother-in-law. | 90. I am a sister-in-law. | 91. I am a brother-in-law. | 92. I am a sister-in-law.  |
| 93. I am a brother-in-law. | 94. I am a sister-in-law. | 95. I am a brother-in-law. | 96. I am a sister-in-law.  |
| 97. I am a brother-in-law. | 98. I am a sister-in-law. | 99. I am a brother-in-law. | 100. I am a sister-in-law. |







110. When after a century of  
discovery, the system of the solar system is  
described in the following manner:

1. The system is divided into two main parts: the inner system and the outer system.

2. The inner system consists of the Sun, the four terrestrial planets (Mercury, Venus, Earth, and Mars), and the asteroid belt.

3. The outer system consists of the four gas giants (Jupiter, Saturn, Uranus, and Neptune) and the Kuiper belt.

4. The Sun is the central body of the system, and all other bodies orbit around it.

5. The planets are divided into two groups: the terrestrial planets and the gas giants.

6. The terrestrial planets are small, rocky, and have solid surfaces. They are located in the inner part of the system.

7. The gas giants are large, gaseous, and have no solid surfaces. They are located in the outer part of the system.

8. The asteroid belt is a region between Mars and Jupiter, containing many small, rocky bodies.

9. The Kuiper belt is a region beyond Neptune, containing many small, icy bodies.

10. The system is also home to many comets, which are small, icy bodies that originate from the outer regions of the system.

111. The system of the solar system is described in the following manner:

1. The system is divided into two main parts: the inner system and the outer system.

2. The inner system consists of the Sun, the four terrestrial planets (Mercury, Venus, Earth, and Mars), and the asteroid belt.

3. The outer system consists of the four gas giants (Jupiter, Saturn, Uranus, and Neptune) and the Kuiper belt.

4. The Sun is the central body of the system, and all other bodies orbit around it.

5. The planets are divided into two groups: the terrestrial planets and the gas giants.

6. The terrestrial planets are small, rocky, and have solid surfaces. They are located in the inner part of the system.

7. The gas giants are large, gaseous, and have no solid surfaces. They are located in the outer part of the system.

8. The asteroid belt is a region between Mars and Jupiter, containing many small, rocky bodies.

9. The Kuiper belt is a region beyond Neptune, containing many small, icy bodies.

10. The system is also home to many comets, which are small, icy bodies that originate from the outer regions of the system.

112. The system of the solar system is described in the following manner:

1. The system is divided into two main parts: the inner system and the outer system.

2. The inner system consists of the Sun, the four terrestrial planets (Mercury, Venus, Earth, and Mars), and the asteroid belt.

3. The outer system consists of the four gas giants (Jupiter, Saturn, Uranus, and Neptune) and the Kuiper belt.

4. The Sun is the central body of the system, and all other bodies orbit around it.

5. The planets are divided into two groups: the terrestrial planets and the gas giants.

6. The terrestrial planets are small, rocky, and have solid surfaces. They are located in the inner part of the system.

7. The gas giants are large, gaseous, and have no solid surfaces. They are located in the outer part of the system.

8. The asteroid belt is a region between Mars and Jupiter, containing many small, rocky bodies.

9. The Kuiper belt is a region beyond Neptune, containing many small, icy bodies.

10. The system is also home to many comets, which are small, icy bodies that originate from the outer regions of the system.

113. The system of the solar system is described in the following manner:

1. The system is divided into two main parts: the inner system and the outer system.

2. The inner system consists of the Sun, the four terrestrial planets (Mercury, Venus, Earth, and Mars), and the asteroid belt.

3. The outer system consists of the four gas giants (Jupiter, Saturn, Uranus, and Neptune) and the Kuiper belt.

4. The Sun is the central body of the system, and all other bodies orbit around it.

5. The planets are divided into two groups: the terrestrial planets and the gas giants.

6. The terrestrial planets are small, rocky, and have solid surfaces. They are located in the inner part of the system.

7. The gas giants are large, gaseous, and have no solid surfaces. They are located in the outer part of the system.

8. The asteroid belt is a region between Mars and Jupiter, containing many small, rocky bodies.

9. The Kuiper belt is a region beyond Neptune, containing many small, icy bodies.

10. The system is also home to many comets, which are small, icy bodies that originate from the outer regions of the system.



[illegible]







1. The first part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:

1. The first part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:
2. The second part of the test is a short answer section. It consists of 5 questions. The questions are as follows:
3. The third part of the test is a long answer section. It consists of 2 questions. The questions are as follows:
4. The fourth part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:
5. The fifth part of the test is a short answer section. It consists of 5 questions. The questions are as follows:
6. The sixth part of the test is a long answer section. It consists of 2 questions. The questions are as follows:
7. The seventh part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:
8. The eighth part of the test is a short answer section. It consists of 5 questions. The questions are as follows:
9. The ninth part of the test is a long answer section. It consists of 2 questions. The questions are as follows:
10. The tenth part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:

1. The first part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:

1. The first part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:
2. The second part of the test is a short answer section. It consists of 5 questions. The questions are as follows:
3. The third part of the test is a long answer section. It consists of 2 questions. The questions are as follows:
4. The fourth part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:
5. The fifth part of the test is a short answer section. It consists of 5 questions. The questions are as follows:
6. The sixth part of the test is a long answer section. It consists of 2 questions. The questions are as follows:
7. The seventh part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:
8. The eighth part of the test is a short answer section. It consists of 5 questions. The questions are as follows:
9. The ninth part of the test is a long answer section. It consists of 2 questions. The questions are as follows:
10. The tenth part of the test is a multiple choice section. It consists of 10 questions. The questions are as follows:











- [illegible]







Quantitative Analysis of Polymer Films 657

- [illegible]



1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 4.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 6.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 7.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 8.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 9.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$   
 10.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

7) Since the interest rate was 40% in 1 year and the rate of the loan was 20% in 1 year.

big if the different values of the variables  
of it is to select the value of the variable  
without knowing the identity of the largest  
possible one.

1982



## CONCLUSIONS

1. *Introduction*  
 2. *Methodology*  
 3. *Results and Discussion*  
 4. *Conclusion*  
 5. *References*  
 6. *Appendix*  
 7. *Tables*  
 8. *Figures*  
 9. *Supplementary Materials*  
 10. *Notes*  
 11. *References*  
 12. *Appendix*  
 13. *Tables*  
 14. *Figures*  
 15. *Supplementary Materials*  
 16. *Notes*  
 17. *References*  
 18. *Appendix*  
 19. *Tables*  
 20. *Figures*  
 21. *Supplementary Materials*  
 22. *Notes*  
 23. *References*  
 24. *Appendix*  
 25. *Tables*  
 26. *Figures*  
 27. *Supplementary Materials*  
 28. *Notes*  
 29. *References*  
 30. *Appendix*  
 31. *Tables*  
 32. *Figures*  
 33. *Supplementary Materials*  
 34. *Notes*  
 35. *References*  
 36. *Appendix*  
 37. *Tables*  
 38. *Figures*  
 39. *Supplementary Materials*  
 40. *Notes*  
 41. *References*  
 42. *Appendix*  
 43. *Tables*  
 44. *Figures*  
 45. *Supplementary Materials*  
 46. *Notes*  
 47. *References*  
 48. *Appendix*  
 49. *Tables*  
 50. *Figures*  
 51. *Supplementary Materials*  
 52. *Notes*  
 53. *References*  
 54. *Appendix*  
 55. *Tables*  
 56. *Figures*  
 57. *Supplementary Materials*  
 58. *Notes*  
 59. *References*  
 60. *Appendix*  
 61. *Tables*  
 62. *Figures*  
 63. *Supplementary Materials*  
 64. *Notes*  
 65. *References*  
 66. *Appendix*  
 67. *Tables*  
 68. *Figures*  
 69. *Supplementary Materials*  
 70. *Notes*  
 71. *References*  
 72. *Appendix*  
 73. *Tables*  
 74. *Figures*  
 75. *Supplementary Materials*  
 76. *Notes*  
 77. *References*  
 78. *Appendix*  
 79. *Tables*  
 80. *Figures*  
 81. *Supplementary Materials*  
 82. *Notes*  
 83. *References*  
 84. *Appendix*  
 85. *Tables*  
 86. *Figures*  
 87. *Supplementary Materials*  
 88. *Notes*  
 89. *References*  
 90. *Appendix*  
 91. *Tables*  
 92. *Figures*  
 93. *Supplementary Materials*  
 94. *Notes*  
 95. *References*  
 96. *Appendix*  
 97. *Tables*  
 98. *Figures*  
 99. *Supplementary Materials*  
 100. *Notes*  
 101. *References*  
 102. *Appendix*  
 103. *Tables*  
 104. *Figures*  
 105. *Supplementary Materials*  
 106. *Notes*  
 107. *References*  
 108. *Appendix*  
 109. *Tables*  
 110. *Figures*  
 111. *Supplementary Materials*  
 112. *Notes*  
 113. *References*  
 114. *Appendix*  
 115. *Tables*  
 116. *Figures*  
 117. *Supplementary Materials*  
 118. *Notes*  
 119. *References*  
 120. *Appendix*  
 121. *Tables*  
 122. *Figures*  
 123. *Supplementary Materials*  
 124. *Notes*  
 125. *References*  
 126. *Appendix*  
 127. *Tables*  
 128. *Figures*  
 129. *Supplementary Materials*  
 130. *Notes*  
 131. *References*  
 132. *Appendix*  
 133. *Tables*  
 134. *Figures*  
 135. *Supplementary Materials*  
 136. *Notes*  
 137. *References*  
 138. *Appendix*  
 139. *Tables*  
 140. *Figures*  
 141. *Supplementary Materials*  
 142. *Notes*  
 143. *References*  
 144. *Appendix*  
 145. *Tables*  
 146. *Figures*  
 147. *Supplementary Materials*  
 148. *Notes*  
 149. *References*  
 150. *Appendix*  
 151. *Tables*  
 152. *Figures*  
 153. *Supplementary Materials*  
 154. *Notes*  
 155. *References*  
 156. *Appendix*  
 157. *Tables*  
 158. *Figures*  
 159. *Supplementary Materials*  
 160. *Notes*  
 161. *References*  
 162. *Appendix*  
 163. *Tables*  
 164. *Figures*  
 165. *Supplementary Materials*  
 166. *Notes*  
 167. *References*  
 168. *Appendix*  
 169. *Tables*  
 170. *Figures*  
 171. *Supplementary Materials*  
 172. *Notes*  
 173. *References*  
 174. *Appendix*  
 175. *Tables*  
 176. *Figures*  
 177. *Supplementary Materials*  
 178. *Notes*  
 179. *References*  
 180. *Appendix*  
 181. *Tables*  
 182. *Figures*  
 183. *Supplementary Materials*  
 184. *Notes*  
 185. *References*  
 186. *Appendix*  
 187. *Tables*  
 188. *Figures*  
 189. *Supplementary Materials*  
 190. *Notes*  
 191. *References*  
 192. *Appendix*  
 193. *Tables*  
 194. *Figures*  
 195. *Supplementary Materials*  
 196. *Notes*  
 197. *References*  
 198. *Appendix*  
 199. *Tables*  
 200. *Figures*  
 201. *Supplementary Materials*  
 202. *Notes*  
 203. *References*  
 204. *Appendix*  
 205. *Tables*  
 206. *Figures*  
 207. *Supplementary Materials*  
 208. *Notes*  
 209. *References*  
 210. *Appendix*  
 211. *Tables*  
 212. *Figures*  
 213. *Supplementary Materials*  
 214. *Notes*  
 215. *References*  
 216. *Appendix*  
 217. *Tables*  
 218. *Figures*  
 219. *Supplementary Materials*  
 220. *Notes*  
 221. *References*  
 222. *Appendix*  
 223. *Tables*  
 224. *Figures*  
 225. *Supplementary Materials*  
 226. *Notes*  
 227. *References*  
 228. *Appendix*  
 229. *Tables*  
 230. *Figures*  
 231. *Supplementary Materials*  
 232. *Notes*  
 233. *References*  
 234. *Appendix*  
 235. *Tables*  
 236. *Figures*  
 237. *Supplementary Materials*  
 238. *Notes*  
 239. *References*  
 240. *Appendix*  
 241. *Tables*  
 242. *Figures*  
 243. *Supplementary Materials*  
 244. *Notes*  
 245. *References*  
 246. *Appendix*  
 247. *Tables*  
 248. *Figures*  
 249. *Supplementary Materials*  
 250. *Notes*  
 251. *References*  
 252. *Appendix*

[illegible][illegible]



[illegible]

1.  $\frac{1}{x^2} = x^{-2}$   
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

2.  $\frac{1}{x^3} = x^{-3}$   
 $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$

3.  $\frac{1}{x^4} = x^{-4}$   
 $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$

4.  $\frac{1}{x^5} = x^{-5}$   
 $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$

5.  $\frac{1}{x^6} = x^{-6}$   
 $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

6.  $\frac{1}{x^7} = x^{-7}$   
 $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

7.  $\frac{1}{x^8} = x^{-8}$   
 $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$

8.  $\frac{1}{x^9} = x^{-9}$   
 $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$

9.  $\frac{1}{x^{10}} = x^{-10}$   
 $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$

10.  $\frac{1}{x^{11}} = x^{-11}$   
 $\frac{d}{dx} x^{-11} = -11x^{-12} = -\frac{11}{x^{12}}$

11.  $\frac{1}{x^{12}} = x^{-12}$   
 $\frac{d}{dx} x^{-12} = -12x^{-13} = -\frac{12}{x^{13}}$

12.  $\frac{1}{x^{13}} = x^{-13}$   
 $\frac{d}{dx} x^{-13} = -13x^{-14} = -\frac{13}{x^{14}}$

13.  $\frac{1}{x^{14}} = x^{-14}$   
 $\frac{d}{dx} x^{-14} = -14x^{-15} = -\frac{14}{x^{15}}$

14.  $\frac{1}{x^{15}} = x^{-15}$   
 $\frac{d}{dx} x^{-15} = -15x^{-16} = -\frac{15}{x^{16}}$

15.  $\frac{1}{x^{16}} = x^{-16}$   
 $\frac{d}{dx} x^{-16} = -16x^{-17} = -\frac{16}{x^{17}}$

16.  $\frac{1}{x^{17}} = x^{-17}$   
 $\frac{d}{dx} x^{-17} = -17x^{-18} = -\frac{17}{x^{18}}$

17.  $\frac{1}{x^{18}} = x^{-18}$   
 $\frac{d}{dx} x^{-18} = -18x^{-19} = -\frac{18}{x^{19}}$

18.  $\frac{1}{x^{19}} = x^{-19}$   
 $\frac{d}{dx} x^{-19} = -19x^{-20} = -\frac{19}{x^{20}}$

19.  $\frac{1}{x^{20}} = x^{-20}$   
 $\frac{d}{dx} x^{-20} = -20x^{-21} = -\frac{20}{x^{21}}$

20.  $\frac{1}{x^{21}} = x^{-21}$   
 $\frac{d}{dx} x^{-21} = -21x^{-22} = -\frac{21}{x^{22}}$

21.  $\frac{1}{x^{22}} = x^{-22}$   
 $\frac{d}{dx} x^{-22} = -22x^{-23} = -\frac{22}{x^{23}}$

22.  $\frac{1}{x^{23}} = x^{-23}$   
 $\frac{d}{dx} x^{-23} = -23x^{-24} = -\frac{23}{x^{24}}$

23.  $\frac{1}{x^{24}} = x^{-24}$   
 $\frac{d}{dx} x^{-24} = -24x^{-25} = -\frac{24}{x^{25}}$

24.  $\frac{1}{x^{25}} = x^{-25}$   
 $\frac{d}{dx} x^{-25} = -25x^{-26} = -\frac{25}{x^{26}}$

25.  $\frac{1}{x^{26}} = x^{-26}$   
 $\frac{d}{dx} x^{-26} = -26x^{-27} = -\frac{26}{x^{27}}$

26.  $\frac{1}{x^{27}} = x^{-27}$   
 $\frac{d}{dx} x^{-27} = -27x^{-28} = -\frac{27}{x^{28}}$

27.  $\frac{1}{x^{28}} = x^{-28}$   
 $\frac{d}{dx} x^{-28} = -28x^{-29} = -\frac{28}{x^{29}}$

28.  $\frac{1}{x^{29}} = x^{-29}$   
 $\frac{d}{dx} x^{-29} = -29x^{-30} = -\frac{29}{x^{30}}$

29.  $\frac{1}{x^{30}} = x^{-30}$   
 $\frac{d}{dx} x^{-30} = -30x^{-31} = -\frac{30}{x^{31}}$

30.  $\frac{1}{x^{31}} = x^{-31}$   
 $\frac{d}{dx} x^{-31} = -31x^{-32} = -\frac{31}{x^{32}}$

31.  $\frac{1}{x^{32}} = x^{-32}$   
 $\frac{d}{dx} x^{-32} = -32x^{-33} = -\frac{32}{x^{33}}$

32.  $\frac{1}{x^{33}} = x^{-33}$   
 $\frac{d}{dx} x^{-33} = -33x^{-34} = -\frac{33}{x^{34}}$

33.  $\frac{1}{x^{34}} = x^{-34}$   
 $\frac{d}{dx} x^{-34} = -34x^{-35} = -\frac{34}{x^{35}}$

34.  $\frac{1}{x^{35}} = x^{-35}$   
 $\frac{d}{dx} x^{-35} = -35x^{-36} = -\frac{35}{x^{36}}$

35.  $\frac{1}{x^{36}} = x^{-36}$   
 $\frac{d}{dx} x^{-36} = -36x^{-37} = -\frac{36}{x^{37}}$

36.  $\frac{1}{x^{37}} = x^{-37}$   
 $\frac{d}{dx} x^{-37} = -37x^{-38} = -\frac{37}{x^{38}}$

37.  $\frac{1}{x^{38}} = x^{-38}$   
 $\frac{d}{dx} x^{-38} = -38x^{-39} = -\frac{38}{x^{39}}$

38.  $\frac{1}{x^{39}} = x^{-39}$   
 $\frac{d}{dx} x^{-39} = -39x^{-40} = -\frac{39}{x^{40}}$

39.  $\frac{1}{x^{40}} = x^{-40}$   
 $\frac{d}{dx} x^{-40} = -40x^{-41} = -\frac{40}{x^{41}}$

40.  $\frac{1}{x^{41}} = x^{-41}$   
 $\frac{d}{dx} x^{-41} = -41x^{-42} = -\frac{41}{x^{42}}$

41.  $\frac{1}{x^{42}} = x^{-42}$   
 $\frac{d}{dx} x^{-42} = -42x^{-43} = -\frac{42}{x^{43}}$

42.  $\frac{1}{x^{43}} = x^{-43}$   
 $\frac{d}{dx} x^{-43} = -43x^{-44} = -\frac{43}{x^{44}}$

43.  $\frac{1}{x^{44}} = x^{-44}$   
 $\frac{d}{dx} x^{-44} = -44x^{-45} = -\frac{44}{x^{45}}$

44.  $\frac{1}{x^{45}} = x^{-45}$   
 $\frac{d}{dx} x^{-45} = -45x^{-46} = -\frac{45}{x^{46}}$

45.  $\frac{1}{x^{46}} = x^{-46}$   
 $\frac{d}{dx} x^{-46} = -46x^{-47} = -\frac{46}{x^{47}}$

46.  $\frac{1}{x^{47}} = x^{-47}$   
 $\frac{d}{dx} x^{-47} = -47x^{-48} = -\frac{47}{x^{48}}$

47.  $\frac{1}{x^{48}} = x^{-48}$   
 $\frac{d}{dx} x^{-48} = -48x^{-49} = -\frac{48}{x^{49}}$

48.  $\frac{1}{x^{49}} = x^{-49}$   
 $\frac{d}{dx} x^{-49} = -49x^{-50} = -\frac{49}{x^{50}}$

49.  $\frac{1}{x^{50}} = x^{-50}$   
 $\frac{d}{dx} x^{-50} = -50x^{-51} = -\frac{50}{x^{51}}$

50.  $\frac{1}{x^{51}} = x^{-51}$   
 $\frac{d}{dx} x^{-51} = -51x^{-52} = -\frac{51}{x^{52}}$

51.  $\frac{1}{x^{52}} = x^{-52}$   
 $\frac{d}{dx} x^{-52} = -52x^{-53} = -\frac{52}{x^{53}}$

52.  $\frac{1}{x^{53}} = x^{-53}$   
 $\frac{d}{dx} x^{-53} = -53x^{-54} = -\frac{53}{x^{54}}$

53.  $\frac{1}{x^{54}} = x^{-54}$   
 $\frac{d}{dx} x^{-54} = -54x^{-55} = -\frac{54}{x^{55}}$

54.  $\frac{1}{x^{55}} = x^{-55}$   
 $\frac{d}{dx} x^{-55} = -55x^{-56} = -\frac{55}{x^{56}}$

55.  $\frac{1}{x^{56}} = x^{-56}$   
 $\frac{d}{dx} x^{-56} = -56x^{-57} = -\frac{56}{x^{57}}$

56.  $\frac{1}{x^{57}} = x^{-57}$   
 $\frac{d}{dx} x^{-57} = -57x^{-58} = -\frac{57}{x^{58}}$

57.  $\frac{1}{$







1. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the distance it travels in the first 10 seconds.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $s = 0 \times 10 + \frac{1}{2} \times 2 \times 10^2 = 100 \text{ m}$

2. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find its velocity after 10 seconds.

Solution:  $v = u + at$   
 $v = 0 + 2 \times 10 = 20 \text{ m/s}$

3. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to travel 100 meters.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $100 = 0 + \frac{1}{2} \times 2 \times t^2$   
 $t^2 = 100$   
 $t = 10 \text{ s}$

4. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to reach a velocity of 20 m/s.

Solution:  $v = u + at$   
 $20 = 0 + 2 \times t$   
 $t = 10 \text{ s}$

5. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the distance it travels in the first 5 seconds.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $s = 0 \times 5 + \frac{1}{2} \times 2 \times 5^2 = 25 \text{ m}$

6. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find its velocity after 5 seconds.

Solution:  $v = u + at$   
 $v = 0 + 2 \times 5 = 10 \text{ m/s}$

7. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to travel 25 meters.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $25 = 0 + \frac{1}{2} \times 2 \times t^2$   
 $t^2 = 25$   
 $t = 5 \text{ s}$

8. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to reach a velocity of 10 m/s.

Solution:  $v = u + at$   
 $10 = 0 + 2 \times t$   
 $t = 5 \text{ s}$

9. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the distance it travels in the first 15 seconds.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $s = 0 \times 15 + \frac{1}{2} \times 2 \times 15^2 = 225 \text{ m}$

10. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find its velocity after 15 seconds.

Solution:  $v = u + at$   
 $v = 0 + 2 \times 15 = 30 \text{ m/s}$

11. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to travel 150 meters.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $150 = 0 + \frac{1}{2} \times 2 \times t^2$   
 $t^2 = 150$   
 $t = \sqrt{150} \approx 12.25 \text{ s}$

12. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to reach a velocity of 30 m/s.

Solution:  $v = u + at$   
 $30 = 0 + 2 \times t$   
 $t = 15 \text{ s}$

13. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the distance it travels in the first 20 seconds.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $s = 0 \times 20 + \frac{1}{2} \times 2 \times 20^2 = 400 \text{ m}$

14. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find its velocity after 20 seconds.

Solution:  $v = u + at$   
 $v = 0 + 2 \times 20 = 40 \text{ m/s}$

15. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to travel 400 meters.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $400 = 0 + \frac{1}{2} \times 2 \times t^2$   
 $t^2 = 400$   
 $t = 20 \text{ s}$

16. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to reach a velocity of 40 m/s.

Solution:  $v = u + at$   
 $40 = 0 + 2 \times t$   
 $t = 20 \text{ s}$

17. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the distance it travels in the first 25 seconds.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $s = 0 \times 25 + \frac{1}{2} \times 2 \times 25^2 = 625 \text{ m}$

18. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find its velocity after 25 seconds.

Solution:  $v = u + at$   
 $v = 0 + 2 \times 25 = 50 \text{ m/s}$

19. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to travel 625 meters.

Solution:  $s = ut + \frac{1}{2}at^2$   
 $625 = 0 + \frac{1}{2} \times 2 \times t^2$   
 $t^2 = 625$   
 $t = 25 \text{ s}$

20. A car starts from rest and accelerates uniformly at  $2 \text{ m/s}^2$ . Find the time it takes to reach a velocity of 50 m/s.

Solution:  $v = u + at$   
 $50 = 0 + 2 \times t$   
 $t = 25 \text{ s}$











1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

2. The second part of the document is a list of items and their prices. The items are: Apples, Bananas, and Oranges. The prices are: \$1.00, \$0.50, and \$0.75.

3. The third part of the document is a list of dates and times. The dates are: 1/1/2020, 2/1/2020, and 3/1/2020. The times are: 10:00 AM, 11:00 AM, and 12:00 PM.

4. The fourth part of the document is a list of locations and distances. The locations are: New York, Los Angeles, and Chicago. The distances are: 100 miles, 200 miles, and 300 miles.

5. The fifth part of the document is a list of people and their ages. The people are: John, Jane, and Bob. The ages are: 25, 30, and 35.

6. The sixth part of the document is a list of objects and their weights. The objects are: A box, A bag, and A box. The weights are: 10 lbs, 5 lbs, and 15 lbs.

7. The seventh part of the document is a list of colors and their shades. The colors are: Red, Blue, and Green. The shades are: Dark, Light, and Medium.

8. The eighth part of the document is a list of shapes and their areas. The shapes are: A square, A circle, and A triangle. The areas are: 100 sq ft, 150 sq ft, and 200 sq ft.

9. The ninth part of the document is a list of numbers and their sums. The numbers are: 1, 2, and 3. The sums are: 6, 9, and 12.

10. The tenth part of the document is a list of words and their meanings. The words are: Happy, Sad, and Angry. The meanings are: A feeling of joy, A feeling of sorrow, and A feeling of anger.

11. The eleventh part of the document is a list of names and their professions. The names are: John, Jane, and Bob. The professions are: Doctor, Teacher, and Engineer.

12. The twelfth part of the document is a list of places and their populations. The places are: New York, Los Angeles, and Chicago. The populations are: 10 million, 5 million, and 3 million.

13. The thirteenth part of the document is a list of animals and their habitats. The animals are: A lion, A tiger, and A bear. The habitats are: A savanna, A jungle, and A forest.

14. The fourteenth part of the document is a list of plants and their uses. The plants are: A tree, A flower, and A herb. The uses are: For wood, For decoration, and For medicine.

15. The fifteenth part of the document is a list of foods and their ingredients. The foods are: A pizza, A burger, and A sandwich. The ingredients are: Cheese, Meat, and Bread.

16. The sixteenth part of the document is a list of sports and their rules. The sports are: Football, Basketball, and Baseball. The rules are: To score points, To win the game, and To follow the rules.

17. The seventeenth part of the document is a list of books and their authors. The books are: A novel, A biography, and A history book. The authors are: John, Jane, and Bob.

18. The eighteenth part of the document is a list of movies and their directors. The movies are: A comedy, A drama, and A action movie. The directors are: John, Jane, and Bob.

19. The nineteenth part of the document is a list of songs and their composers. The songs are: A pop song, A rock song, and A ballad. The composers are: John, Jane, and Bob.

20. The twentieth part of the document is a list of artists and their styles. The artists are: A painter, A sculptor, and A photographer. The styles are: Realism, Abstract, and Impressionism.



1. The first step in the process of...  
 2. The second step is to...  
 3. The third step is to...  
 4. The fourth step is to...  
 5. The fifth step is to...  
 6. The sixth step is to...  
 7. The seventh step is to...  
 8. The eighth step is to...  
 9. The ninth step is to...  
 10. The tenth step is to...

1. The first step in the process of...  
 2. The second step is to...  
 3. The third step is to...  
 4. The fourth step is to...  
 5. The fifth step is to...  
 6. The sixth step is to...  
 7. The seventh step is to...  
 8. The eighth step is to...  
 9. The ninth step is to...  
 10. The tenth step is to...

1. The first step in the process of...  
 2. The second step is to...  
 3. The third step is to...  
 4. The fourth step is to...  
 5. The fifth step is to...  
 6. The sixth step is to...  
 7. The seventh step is to...  
 8. The eighth step is to...  
 9. The ninth step is to...  
 10. The tenth step is to...

1. The first step in the process of...  
 2. The second step is to...  
 3. The third step is to...  
 4. The fourth step is to...  
 5. The fifth step is to...  
 6. The sixth step is to...  
 7. The seventh step is to...  
 8. The eighth step is to...  
 9. The ninth step is to...  
 10. The tenth step is to...

|    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|---|---|---|---|---|---|---|---|---|----|
| 1  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 3  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 4  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 5  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 6  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 7  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 8  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 9  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |











PPSC ASSISTANT DIRECTOR  
(INVESTIGATION)  
WELD DATE 51-09-70M

4413 DATE 52-00-7020

- [illegible]

- [illegible]

▲ 附 錄 本 報 專 刊

[illegible]







7. "A good"  $\Delta$ -operator  $\Delta$  for  $\mathcal{L}$  is a function  $\Delta$  from  $\mathcal{L}$  to  $\mathcal{L}$  such that

- $\Delta$  is linear, i.e.  $\Delta(\alpha\phi + \beta\psi) = \alpha\Delta\phi + \beta\Delta\psi$  for all  $\phi, \psi \in \mathcal{L}$  and  $\alpha, \beta \in \mathbb{R}$ .
- $\Delta$  is idempotent, i.e.  $\Delta(\Delta\phi) = \Delta\phi$  for all  $\phi \in \mathcal{L}$ .
- $\Delta$  is a contraction, i.e.  $\|\Delta\phi - \Delta\psi\| \leq \|\phi - \psi\|$  for all  $\phi, \psi \in \mathcal{L}$ .

1. Introduction  
 2. Background  
 3. Methodology  
 4. Results  
 5. Conclusion  
 6. References  
 7. Appendix  
 8. Glossary  
 9. Index  
 10. Table of Contents

۱۰. اگر  $x^2 + y^2 = 1$  و  $x^2 - y^2 = 1$  ہو تو  $x$  و  $y$  کی قیمتیں معلوم کرو۔  
 ۱۱. اگر  $x^2 + y^2 = 1$  و  $x^2 - y^2 = 1$  ہو تو  $x$  و  $y$  کی قیمتیں معلوم کرو۔  
 ۱۲. اگر  $x^2 + y^2 = 1$  و  $x^2 - y^2 = 1$  ہو تو  $x$  و  $y$  کی قیمتیں معلوم کرو۔  
 ۱۳. اگر  $x^2 + y^2 = 1$  و  $x^2 - y^2 = 1$  ہو تو  $x$  و  $y$  کی قیمتیں معلوم کرو۔  
 ۱۴. اگر  $x^2 + y^2 = 1$  و  $x^2 - y^2 = 1$  ہو تو  $x$  و  $y$  کی قیمتیں معلوم کرو۔  
 ۱۵. اگر  $x^2 + y^2 = 1$  و  $x^2 - y^2 = 1$  ہو تو  $x$  و  $y$  کی قیمتیں معلوم کرو۔

**Amperes**

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |







25. Who is called "father" because of the value of  
from 6 to 10?

26. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

27. After a war the nation was was slightly  
diminished the power?

28. (1) Portugal (2) Spain  
(3) Holland (4) France

29. Which day was by 1871?

30. (1) A day for (2) A day for  
(3) Day of them (4) Day of them

31. Who is called "father" for the value of  
of the nation of the nation?

32. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

33. A nation was by 1871, the nation was  
diminished the power?

34. (1) Portugal (2) Spain  
(3) Holland (4) France

35. Which is "father"?

36. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

37. A nation was by 1871, the nation was  
diminished the power?

38. (1) Portugal (2) Spain  
(3) Holland (4) France

39. Which is "father"?

40. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

41. A nation was by 1871, the nation was  
diminished the power?

42. (1) Portugal (2) Spain  
(3) Holland (4) France

43. Which is "father"?

44. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

45. A nation was by 1871, the nation was  
diminished the power?

46. (1) Portugal (2) Spain  
(3) Holland (4) France

47. Which is "father"?

48. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

49. A nation was by 1871, the nation was  
diminished the power?

50. (1) Portugal (2) Spain  
(3) Holland (4) France

51. Which is "father"?

52. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

53. A nation was by 1871, the nation was  
diminished the power?

54. (1) Portugal (2) Spain  
(3) Holland (4) France

55. Which is "father"?

56. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

57. A nation was by 1871, the nation was  
diminished the power?

58. (1) Portugal (2) Spain  
(3) Holland (4) France

59. Which is "father"?

60. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

61. A nation was by 1871, the nation was  
diminished the power?

62. (1) Portugal (2) Spain  
(3) Holland (4) France

63. Which is "father"?

64. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

65. A nation was by 1871, the nation was  
diminished the power?

66. (1) Portugal (2) Spain  
(3) Holland (4) France

67. Which is "father"?

68. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

69. A nation was by 1871, the nation was  
diminished the power?

70. (1) Portugal (2) Spain  
(3) Holland (4) France

71. Which is "father"?

72. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

73. A nation was by 1871, the nation was  
diminished the power?

74. (1) Portugal (2) Spain  
(3) Holland (4) France

75. Which is "father"?

76. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

77. A nation was by 1871, the nation was  
diminished the power?

78. (1) Portugal (2) Spain  
(3) Holland (4) France

79. Which is "father"?

80. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

81. A nation was by 1871, the nation was  
diminished the power?

82. (1) Portugal (2) Spain  
(3) Holland (4) France

83. Which is "father"?

84. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

85. A nation was by 1871, the nation was  
diminished the power?

86. (1) Portugal (2) Spain  
(3) Holland (4) France

87. Which is "father"?

88. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

89. A nation was by 1871, the nation was  
diminished the power?

90. (1) Portugal (2) Spain  
(3) Holland (4) France

91. Which is "father"?

92. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

93. A nation was by 1871, the nation was  
diminished the power?

94. (1) Portugal (2) Spain  
(3) Holland (4) France

95. Which is "father"?

96. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon

97. A nation was by 1871, the nation was  
diminished the power?

98. (1) Portugal (2) Spain  
(3) Holland (4) France

99. Which is "father"?

100. (1) Columbus (2) Drake  
(3) Amerigo (4) Ponce de Leon























13. Electric current is measured in:  
(a) Volts (b) Watts  
(c) Kilowatts (d) Amperes
14. When was the state of Israel formally included in Palestine?  
(a) 1948 (b) 1950  
(c) 1972 (d) 1971
15. A network that covers large area, city, country and beyond is called:  
(a) LAN (b) WAN  
(c) Router (d) Bridge
16. How many days on the hands of a clock indicate a day?  
(a) 18 (b) 22  
(c) 24 (d) None
17. When was report of Simon Commission published?  
(a) May, 1930 (b) May, 1929  
(c) June, 1929 (d) None
18. Who was the first Governor of West Pakistan?  
(a) Sardar Abdul Rah Khan  
(b) Mushaf Ahmad Gurmami  
(c) Ghulam Mustafa Khar  
(d) Malik Amir Muhammad Khan
19. The 1st general election in Pakistan were held in:  
(a) July 2018 (b) August 2018  
(c) September 2018 (d) October 2018
20. Which of the following shortcut will create a new folder in a Window folder?  
(a) CTRL+C (b) CTRL+SHIFT+N  
(c) CTRL+D (d) CTRL+N
21. To change line height to 1.5 which is the following correct command?  
(a) CTRL+1 (b) CTRL+2  
(c) CTRL+N (d) CTRL+5
22. Zohab and Ali depart from point A. Zohab goes North and covers 25km then turns right and covers 40km. Ali goes west and covers 50km, then turns right and covers 3 km. How far is Zohab from Ali?  
(a) 5 km (b) 7km  
(c) 9km (d) 6km
23. The standard weight of javelin throw for men is:  
(a) 400 g (b) 500 g  
(c) 600 g (d) None

# 14. Pakistan's accuracy model in nuclear

- (a) May 1998 (b) June 1998  
(c) July 1998 (d) August 1998

15. کوئی ایسا ملک نہیں ہے جس کا نام "کھانا" ہو؟  
(a) آسٹریلیا (b) کینیڈا  
(c) نیوزی لینڈ (d) نیپال
16. کون سا ملک دنیا کا سب سے بڑا ملک ہے؟  
(a) روس (b) چین  
(c) امریکا (d) بھارت
17. کون سا ملک دنیا کا سب سے چھوٹا ملک ہے؟  
(a) وٹیکٹو (b) نیپال  
(c) بھارت (d) چین
18. کون سا ملک دنیا کا سب سے زیادہ آبادی والا ملک ہے؟  
(a) چین (b) امریکا  
(c) روس (d) بھارت
19. کون سا ملک دنیا کا سب سے زیادہ تیل کا ذخیرہ رکھتا ہے؟  
(a) روس (b) امریکا  
(c) چین (d) بھارت

# 20. کون سا ملک دنیا کا سب سے زیادہ تیل کا ذخیرہ رکھتا ہے؟

- (a) روس (b) امریکا  
(c) چین (d) بھارت
21. کون سا ملک دنیا کا سب سے زیادہ تیل کا ذخیرہ رکھتا ہے؟  
(a) روس (b) امریکا  
(c) چین (d) بھارت
22. کون سا ملک دنیا کا سب سے زیادہ تیل کا ذخیرہ رکھتا ہے؟  
(a) روس (b) امریکا  
(c) چین (d) بھارت
23. کون سا ملک دنیا کا سب سے زیادہ تیل کا ذخیرہ رکھتا ہے؟  
(a) روس (b) امریکا  
(c) چین (d) بھارت
24. کون سا ملک دنیا کا سب سے زیادہ تیل کا ذخیرہ رکھتا ہے؟  
(a) روس (b) امریکا  
(c) چین (d) بھارت
25. کون سا ملک دنیا کا سب سے زیادہ تیل کا ذخیرہ رکھتا ہے؟  
(a) روس (b) امریکا  
(c) چین (d) بھارت

# PPBC: ASSETTANT LAM RECORD 2020

1. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
2. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
3. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
4. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
5. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
6. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
7. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
8. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
9. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
10. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
11. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
12. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
13. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
14. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
15. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
16. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
17. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
18. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
19. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River
20. Which item is not shown here?  
(a) Indian River (b) Chinese River  
(c) Indian River (d) Indian River

| ANSWERS |   |    |   |    |   |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---------|---|----|---|----|---|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 1       | 2 | 3  | 4 | 5  | 6 | 7  | 8 | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 6       | a | 7  | b | 8  | c | 9  | d | 10 | e  | 11 | f  | 12 | g  | 13 | h  | 14 | i  | 15 | j  | 16 | k  | 17 | l  | 18 | m  | 19 | n  | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 11      | c | 12 | a | 13 | d | 14 | b | 15 | e  | 16 | g  | 17 | f  | 18 | h  | 19 | i  | 20 | j  | 21 | k  | 22 | l  | 23 | m  | 24 | n  | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| 18      | c | 17 | a | 16 | e | 15 | d | 14 | b  | 13 | f  | 12 | g  | 11 | h  | 10 | i  | 9  | j  | 8  | 7  | 6  | k  | 5  | 4  | 3  | 2  | 1  | 0  | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  | 0  | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  | 0  | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  | 0  | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  | 0  | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  | 0  | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  | 0  | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  | 0  | 9  | 8  | 7  | 6   | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |  |



12. The shortest day in winter will occur?  
(a) CTSL V (b) CTSL C  
(c) Union CTSL Z (d) CTSL A
13. Director General Rubina said, "I bought a car yesterday."  
(a) Rubina said with joy that she had bought a car the previous day  
(b) Rubina said that she had bought a car the previous day  
(c) Rubina said that she had bought a car the following day  
(d) Rubina said that she had bought a car the previous day
14. Which personality convinced Qaid-e-Azam to join All India Muslim League?  
(a) Muzam-M. Ali Jinnah  
(b) Allama Iqbal  
(c) Mukana Shukran Ali  
(d) Sir Asghar Khan
15. Explain:  
He is a "very" good swimmer? In the "very" is?  
(a) Adverb (b) Adverbial phrase  
(c) Adjective (d) Degree
16. How much distance in miles between Sader to Madina?  
(a) 85 miles (b) 91 miles  
(c) 98 miles (d) 72 miles
17. In human body, The purpose of Hemoglobin is?  
(a) Essential for transferring hydrogen in your body  
(b) Essential for transferring blood in your body  
(c) Essential for transferring oxygen in your body  
(d) Essential for transferring sugar in your body
18. When president of Zimbabwe died in 2017?  
(a) Robert John  
(b) Robert Mugabe  
(c) Robert Christopher  
(d) William Mugabe
19. Software installed during coding is known as?  
(a) Bug (b) Hug  
(c) Cos (d) Troubleshoot
20. PECCA act was passed in which year?  
(a) January 1982 (b) January 1946  
(c) January 1996 (d) January 1992
21. Who is current governor of KPNC?  
(a) Farooq Hakeem Khan  
(b) Shah Farman  
(c) Mahmood Khan  
(d) Justice Iqbal Ahmadullah Khan Yaqub
22. Land is a high place of?  
(a) Kashmir (b) Sindh  
(c) Baluchistan (d) KPE
23. Which movement for restoration and judges was started on 2 Nov 2007 by?  
(a) Judges Movement  
(b) Civil Society movement  
(c) Bakur Muhammad Chaudhry movement  
(d) Lawyers Movement
24. The nation of Samard was preached by prophet?  
(a) Hazrat Isah (b) Hazrat Noah  
(c) Hazrat Ibrahim (d) Hazrat Ayub
25. In which Article of Pakistan constitution declared Emergency?  
(a) Article 230 (b) Article 232  
(c) Article 229 (d) Article 148
26. Einstein's theory MC completed in which year?  
(a) 1996 (b) 1990  
(c) 1998 (d) 1997
27. Inquisitive synonym?  
(a) Struggling (b) Curious  
(c) Hard (d) Suspense
28. Who was first women governor of Sindh?  
(a) Miss Fatima Jinnah  
(b) Begum Hayat Hussain  
(c) Begum Rana Jaquar Ali Khan  
(d) Begum Haq Nawaz Bhabhani
29. Diamonds are made of?  
(a) Carbon dioxide (b) Coal  
(c) Platinum (d) Carbon
30. In 1871, Z. A. Sushko was the editor of?  
(a) Pakistan Times (b) The Dawn  
(c) The Jang (d) The Nation
31. Which relation exists between Imran Buzdar and Imran Nigari?  
(a) Modernism Fatherhood

- (a) Student Teacher  
(b) Son and Father  
(c) Mother and Father
32. Which personality laid the foundation stone of Quaid-e-Azam Mausoleum?  
(a) Asghar Khan (b) Yahya Khan  
(c) Zia-ul-Haq (d) Shaukat Mirza
33. Pakistan joined inner in the world office and in...?  
(a) 1975 (b) 1979  
(c) 1995 (d) 1993
34. The last king of Marjapur Empire was?  
(a) Chandra Gupta Maury  
(b) Prithviraj Chahman  
(c) Brahman  
(d) Brahman
35. Ashoka Island is located in?  
(a) China (b) Pakistan  
(c) India (d) England
36. Deterioral synonym?  
(a) Harmful (b) Destructive  
(c) Dangerous (d) Sustainable
37. Imbecile Antonym?  
(a) Exceptional (b) Irradiance  
(c) Genius (d) Nice
38. During the reign of Hazrat Abu Bakr Siddique, which tribe denied to pay Zakat?  
(a) Banu Nadir (b) Khazraj  
(c) Banu Tamim (d) Ansari
39. Before air stayed Ahmad Khan, whose personality sent, Muslims and Hindus are two different nations?  
(a) Al-Beruni  
(b) Shah Waliullah  
(c) Aurangzeb Alamgir  
(d) Tipu Sultan
40. Three Hundredths is the same as?  
(a) 0.03 (b) 0.003  
(c) 0.300 (d) 3000
41. The sum of two angles of a triangle is 120, the third angle will be?  
(a) 60 (b) 90  
(c) 95 (d) 30
42. How many lines of dimension 11 square inch are required to cover a floor of dimension of 5 feet by 4 feet?  
(a) 121 (b) 323  
(c) 288 (d) 48
43. Section 4.4.15.21...?  
(a) 30 (b) 30  
(c) 31 (d) 31
44. In December 2018, the population of India was...?  
(a) 13.8 billion (b) 13.8 billion  
(c) 13.8 billion (d) 13.8 billion
45. Which country suggested to dig Earth in 2017?  
(a) Bahrain (b) Saudi Arabia  
(c) United Arab Emirates (d) Abu Dhabi
46. Amman is the capital of?  
(a) Jordan (b) Qatar  
(c) Egypt (d) Oman
47. The world's first...?  
(a) 22 April (b) 22 April  
(c) 22 April (d) 22 April
48. AEN stand for?  
(a) Aerial Vehicle Delivery System  
(b) Aerial Vehicle Delivery System  
(c) Aerial Vehicle Delivery System  
(d) Aerial Vehicle Delivery System
49. Golden Gate is located in...?  
(a) San Francisco (b) New York City  
(c) Tokyo (d) Moscow
50. The gate in the same element is?  
(a) Carbon monoxide  
(b) Methane  
(c) Methane & Ethane  
(d) Carbon dioxide
51. In which segment of Pakistan Army, good career path of higher rank?  
(a) Frontier Regiment  
(b) Frontier Regiment  
(c) Frontier Regiment  
(d) Frontier Regiment
52. Pakistan is the same name as?  
(a) Africa (b) Egypt  
(c) Syria (d) Ethiopia
53. Mr. Danish Tahir belongs to which political party?  
(a) Freedom Movement Party  
(b) People's Liberation Party  
(c) Republican Party  
(d) Democratic Party



85. The permanent representative from Pakistan in UNCT  
(a) Murtaza Bhutto (b) Murtaza Ullah  
(c) S.M. Khan (d) A.Z. Hakeem
86. Boredom kills for?  
(a) High security risk persons  
(b) Terrorism and Dangerous  
(c) Christian Women and Independent  
(d) Christchurchers Period
87. Caracas is the capital of which country?  
(a) Guyana (b) Venezuela  
(c) Colombia (d) South Africa
88. Which slavery tenure from 1942 to 1947?  
(a) Land Waived (b) Mountbatten  
(c) Iron (d) Cynicalistic
89. The robot used in which form off  
(a) Space Travel and space trip  
(b) Scientific Research  
(c) Industry  
(d) All of them
90. Maximum glacier outlets and region in Antarctica are formed at?  
(a) K2 Range  
(b) Karakoram range  
(c) Himalayas range  
(d) Hindukush Range
91. Which country is known as Mid night sun?  
(a) Norway (b) Japan  
(c) Thailand & Laos (d) Senegal
92. In response to Quid India movement, the Quid is Aam said first words?  
(a) Now or Never  
(b) Divide and quit  
(c) "We will Get Pakistan"  
(d) "We are free and we cannot live with them."
93. During which process the plants produce glucose?  
(a) Nitrogen (b) Oxygen  
(c) Photosynthesis (d) Carbon dioxide
94. Barometer is used to measure?  
(a) Unit of length in metric system  
(b) Air resistance  
(c) Density of air  
(d) Air pressure
95. Sixth test is about the matter of which?  
(a) Women Right (b) Law  
(c) Elephant (d) Air

96. Ministry courts was established in year?  
(a) 2017 (b) 2016  
(c) 2008 (d) 1999
97. Most famous in the auto biography of?  
(a) Abraham Lincoln  
(b) Adolf Hitler  
(c) Winston Churchill  
(d) Jacques Chirac
98. Which of the following is the largest among?  
(a) Galaxy (b) Moon  
(c) Sun (d) Pluto
99. The first president of Microsoft?  
(a) Adam Osborne  
(b) Bill Gates  
(c) Mark Elliot Zuckerberg  
(d) Jari Kumpulainen
100. Deciduous?  
(a) She said "I bought a car"  
(b) She said that I will buy a car  
(c) She said that she had been bought a car  
(d) She said that she bought a car
101. Which of the following represent the contents of the cell in MS-Excel?  
(a) Formula bar (b)  
(c) (d)
102. In MS-Excel when key we used for chart from cell range  
(a) F11 (b) F12  
(c) F1 (d) None
103. First computer virus was introduced for MS DOS in the year  
(a) 1982 (b) 1983  
(c) 1984 (d) 1985
104. How much data is stored in double sided double layer DVD store  
(a) 16.84 GB (b) 17.06 GB  
(c) 20.16 GB (d) None
105. What are kinds of memory in computer?  
(a) CPU ROM (b) RAM ROM  
(c) DVD ROM (d) None
106. DVD stands for  
(a) Digital versatile Disc  
(b) Digital versatile Data  
(c) Digital versatile Drive  
(d) None of these

107. A collection system of program that controls and co-ordinates the overall operation of a computer system  
(a) Coordinating system  
(b) Digital system  
(c) Collaborating system  
(d) None of these
108. MS-Excel Zoom percentage range from  
(a) 5% to 300% (b) 10% to 400%  
(c) 20% to 400% (d) None
109. 1760 (pinks) are equal to  
(a) 5080 feet (b) 6260 feet  
(c) 1480 feet (d) None
110. Nuclear dam in north east dam  
(a) China (b) Vietnam  
(c) Vietnam (d) None
111. Kyeon has Aung is first right actionist go Aung prize for Awakening Humanity belongs to  
(a) Cambodia (b) Myanmar  
(c) China (d) None
112. Peri-cyde is the layer of plant tissue between Endodermis and  
(a) Pith (b) Stem  
(c) Root (d) None
113. Which Party was general election in Singapore in 2020  
(a) Peoples Action Party  
(b) The Workers Party  
(c) Progress Singapore party  
(d) Singapore Democratic party
114. A procedure used in medicine to see inside the body  
(a) Laparoscopy  
(b) Endoscopy  
(c) Both a & b  
(d) None of these
115. Tumor glacier is located in  
(a) China (b) Taiwan  
(c) Australia (d) Tanzania
116. Name the person in the Holy Quran Condemned by the Holy Prophet (PBUH)  
(a) Abu Jahal (b) Abu Lahab  
(c) Ibn Khalaf (d) None
117. Purpose of fasting according to Holy Quran  
(a) Piety (b) Learning  
(c) Abstaining (d) None

118. Kame change is an auto-diagnosis of a machine  
(a) Kevin Khan  
(b) Royal Maheshwar  
(c) Syed  
(d) Shamsi Akbar
119. Study of persons is called  
(a) Taxonomy (b) Taxonomy  
(c) Taxonomy (d) None
120. Which was formed in the year  
(a) 1981 (b) 1982  
(c) 1983 (d) 1984
121. Which is the capital of Pakistan?  
(a) Islamabad (b) Lahore  
(c) Karachi (d) Rawalpindi
122. Which is the capital of India?  
(a) New Delhi (b) Mumbai  
(c) Kolkata (d) Chennai
123. Which is the capital of China?  
(a) Beijing (b) Shanghai  
(c) Hong Kong (d) Macau
124. Which is the capital of Japan?  
(a) Tokyo (b) Osaka  
(c) Kyoto (d) Nagoya
125. Which is the capital of South Korea?  
(a) Seoul (b) Busan  
(c) Incheon (d) Daegu
126. Which is the capital of North Korea?  
(a) Pyongyang (b) Seoul  
(c) Wonsan (d) Hamhung
127. Which is the capital of Vietnam?  
(a) Hanoi (b) Ho Chi Minh City  
(c) Da Nang (d) Haiphong
128. Which is the capital of Laos?  
(a) Vientiane (b) Bangkok  
(c) Phnom Penh (d) Hanoi
129. Which is the capital of Cambodia?  
(a) Phnom Penh (b) Bangkok  
(c) Hanoi (d) Vientiane
130. Which is the capital of Thailand?  
(a) Bangkok (b) Hanoi  
(c) Phnom Penh (d) Vientiane
131. Which is the capital of Myanmar?  
(a) Nay Pyi Taw (b) Yangon  
(c) Mandalay (d) Bhamo
132. Which is the capital of Sri Lanka?  
(a) Colombo (b) Kandy  
(c) Galle (d) Nuwara Eliya
133. Which is the capital of Maldives?  
(a) Male (b) Malé  
(c) Malé (d) Malé
134. Which is the capital of Brunei?  
(a) Bandar Seri Begawan (b) Kuching  
(c) Kota Bharu (d) Seremban
135. Which is the capital of Timor-Leste?  
(a) Dili (b) Kuching  
(c) Kota Bharu (d) Seremban
136. Which is the capital of East Timor?  
(a) Dili (b) Kuching  
(c) Kota Bharu (d) Seremban
137. Which is the capital of Cambodia?  
(a) Phnom Penh (b) Bangkok  
(c) Hanoi (d) Vientiane
138. Which is the capital of Laos?  
(a) Vientiane (b) Bangkok  
(c) Phnom Penh (d) Hanoi
139. Which is the capital of Myanmar?  
(a) Nay Pyi Taw (b) Yangon  
(c) Mandalay (d) Bhamo
140. Which is the capital of Sri Lanka?  
(a) Colombo (b) Kandy  
(c) Galle (d) Nuwara Eliya
141. Which is the capital of Maldives?  
(a) Male (b) Malé  
(c) Malé (d) Malé
142. Which is the capital of Brunei?  
(a) Bandar Seri Begawan (b) Kuching  
(c) Kota Bharu (d) Seremban
143. Which is the capital of Timor-Leste?  
(a) Dili (b) Kuching  
(c) Kota Bharu (d) Seremban
144. Which is the capital of East Timor?  
(a) Dili (b) Kuching  
(c) Kota Bharu (d) Seremban
145. Which is the capital of Cambodia?  
(a) Phnom Penh (b) Bangkok  
(c) Hanoi (d) Vientiane
146. Which is the capital of Laos?  
(a) Vientiane (b) Bangkok  
(c) Phnom Penh (d) Hanoi
147. Which is the capital of Myanmar?  
(a) Nay Pyi Taw (b) Yangon  
(c) Mandalay (d) Bhamo
148. Which is the capital of Sri Lanka?  
(a) Colombo (b) Kandy  
(c) Galle (d) Nuwara Eliya
149. Which is the capital of Maldives?  
(a) Male (b) Malé  
(c) Malé (d) Malé
150. Which is the capital of Brunei?  
(a) Bandar Seri Begawan (b) Kuching  
(c) Kota Bharu (d) Seremban
151. Which is the capital of Timor-Leste?  
(a) Dili (b) Kuching  
(c) Kota Bharu (d) Seremban
152. Which is the capital of East Timor?  
(a) Dili (b) Kuching  
(c) Kota Bharu (d) Seremban
153. Which is the capital of Cambodia?  
(a) Phnom Penh (b) Bangkok  
(c) Hanoi (d) Vientiane
154. Which is the capital of Laos?  
(a) Vientiane (b) Bangkok  
(c) Phnom Penh (d) Hanoi
155. Which is the capital of Myanmar?  
(a) Nay Pyi Taw (b) Yangon  
(c) Mandalay (d) Bhamo
156. Which is the capital of Sri Lanka?  
(a) Colombo (b) Kandy  
(c) Galle (d) Nuwara Eliya
157. Which is the capital of Maldives?  
(a) Male (b) Malé  
(c) Malé (d) Malé
158. Which is the capital of Brunei?  
(a) Bandar Seri Begawan (b) Kuching  
(c) Kota Bharu (d) Seremban
159. Which is the capital of Timor-Leste?  
(a) Dili (b) Kuching  
(c) Kota Bharu (d) Seremban
160. Which is the capital of East Timor?  
(a) Dili (b) Kuching  
(c) Kota Bharu (d) Seremban



98. حق کی بات کہو

- (a) Make the Holy while sun rises  
(b) Make the sun while Hay shines  
(c) May the Hay while the sun shines  
(d) None of these

99. لاہور کا نگرانہ کس کی قبر ہے۔

- (a) حسن اہلک  
(b) بکری بکری  
(c) شہنشاہ  
(d) ان میں سے کوئی نہیں

100. اردو کی مشہور اردو شاعری

- (a) اقبال  
(b) بانو  
(c) جیل قادی  
(d) سبھی

### ANSWERS

|    |   |    |   |    |   |    |   |     |   |
|----|---|----|---|----|---|----|---|-----|---|
| 1  | a | 2  | b | 3  | a | 4  | d | 5   | d |
| 6  | c | 7  | a | 8  | a | 9  | b | 10  | c |
| 11 | d | 12 | c | 13 | b | 14 | a | 15  | a |
| 16 | d | 17 | c | 18 | b | 19 | a | 20  | b |
| 21 | b | 22 | c | 23 | d | 24 | a | 25  | b |
| 26 | a | 27 | b | 28 | c | 29 | d | 30  | a |
| 31 | b | 32 | a | 33 | d | 34 | d | 35  | b |
| 36 | a | 37 | c | 38 | c | 39 | a | 40  | a |
| 41 | b | 42 | c | 43 | c | 44 | d | 45  | c |
| 46 | a | 47 | b | 48 | a | 49 | c | 50  | a |
| 51 | b | 52 | a | 53 | d | 54 | c | 55  | a |
| 56 | d | 57 | b | 58 | a | 59 | d | 60  | b |
| 61 | a | 62 | b | 63 | c | 64 | d | 65  | c |
| 66 | a | 67 | b | 68 | a | 69 | b | 70  | d |
| 71 | a | 72 | a | 73 | d | 74 | b | 75  | b |
| 76 | b | 77 | b | 78 | a | 79 | b | 80  | c |
| 81 | b | 82 | a | 83 | a | 84 | b | 85  | a |
| 86 | b | 87 | a | 88 | d | 89 | b | 90  | c |
| 91 | a | 92 | b | 93 | b | 94 | c | 95  | b |
| 96 | b | 97 | b | 98 | c | 99 | b | 100 |   |